

::: G06

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

New Star is thanks to the improved conditions more often audible here in Europe. The station broadcasts at least on two frequencies; 10182 and 11430 kHz with skeds at 0830, 1200 and 1300 UTC. More reports are most welcome.

::: V24

* MORSE STATIONS *

The European beacons A, C, D, P and S have all been heard on various frequencies.

- Channel Markers:

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

Russian Air Defense.

Id "9": 4246

=99?2336?9?????

Still active with the old 1987 messages but less often reported as before.

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: M89

V DKG6 DKG6 DKG6 de 3A7D 3A7D on 7601 kHz
Q2M Q2M Q2M de NYZ NYZ NYZ on 6840 kHz

See also the Chinese Numbers Update.

* VARIOUS MODES *

... M42 & X06 - RUSSIAN GOVERNMENT AND INTELLIGENCE

15815.5	1411	21-09	DOSC. "11177 00041 64876 85785 72414". Mode: CROWD36
16342.5	1417	21-09	DOSC. "11177 30099 78753 85830 11749". Mode: CROWD36
14979.5	0631	28-09	Russian Gov/Intel. "DJNFCKTZYPQOBG RMLAWLWALMR E SIU". Mode: CROWD36
7967.0	2302	01-10	Russian Gov/Intel. "... =89422 285594601628582 =87323 70988074915365 =86624 37260181902907165) 57625 00000+++++++136", s/off. Mode: RTTY-ITA2/200/500
6921.0	2315	01-10	Russian Gov/Intel. "... =89422 285594601628582 =87323 70988074915365 =86624 37260181902907165) 57625 00000+++++++136", s/off. Mode: RTTY-ITA2/200/500
6962.0	2324	01-10	Mazielka. Sequence: 164532
16219.5	0815	02-10	Russian Gov/Intel. "RNCTLHPOGMV DCWOX". Mode: CROWD36
16276.0	0800	06-10	Russian Gov/Intel. Traffic. Mode: CROWD36
12224.0	1521	07-10	Mazielka. Sequence: 463125
6825.0	2105	07-10	Russian Intel. Mode: FSK 200/1000
10160.1	2055	09-10	Russian Gov/Intel. Traffic. Mode: CROWD36
10212.1	2106	09-10	Russian Gov/Intel. Traffic. Mode: CROWD36
7634.0	2100	09-10	Mazielka. Sequence: 156234
10182.1	2116	09-10	Russian Gov/Intel. Traffic. Mode: CROWD36
15873.0	1245	10-10	Russian Intel. Mode: FSK 200/1000
13387.0	1237	11-10	Russian Gov/Intel. Mode: Baudot 200/500
9964.0	1430	11-10	Russian Gov. Header "974 181 11 1350 2863 =" then 50x5FG traffic. Ends with "=50=". Mode: Baudot 50/500
12224.0	1406	12-10	Mazielka. Sequence: 463125
11415.5	1548	13-10	Russian Gov/Intel. Traffic "ROCTLHPOGMV DCWOX" Mode: CROWD36
12224.0	1405	14-10	Mazielka. Sequence: 463125
7714.0	2015	14-10	Russian Gov/Intel Mode: FSK 200/1000
7626.0	1641	15-10	Russian Gov/Intel. Mode: Baudot 200/500 Traffic "00000+++++++162)5761 00000+++++++162)5761"
17423.5	0627	16-10	Russian Gov/Intel. Mode: CROWD36. Tfc "RNCTLHPOGMV DCWOX"
6921.0	1535	16-10	DOSC. Mode: Baudot 100/500

12224.0	1619	16-10	Mazielka. Sequence: 463125
12224.0	2146	16-10	Mazielka. Sequence: 463125
16276.0	0737	21-10	DOSC Moscow clg unid embassy "UDZ26". At 0737 QSY 20547 (nil heard), at 0740 QSY 17346 (nil heard). Mode: CW
10217.5	1610	21-10	Russian Gov/Intel. "RNCTLHPOGMV DCWOX". Mode: CROWD36
12177.0	1120	22-10	Mazielka. Sequence: 356412
11424.0	1138	22-10	Mazielka. Sequence: 421635
13506.0	0957	23-10	Mazielka
10196.0	1002	23-10	Russian Gov. Mode: CROWD36
6945.0	1932	23-10	Russian Gov/Intel. "RNCTLHPOGMV DCWOX". Mode: CROWD36
12224.0	0805	18-10	Russian Gov/Intel. See message below. Mode: Baudot 45/500
12224.0	0805	19-10	Russian Gov/Intel. See message below. Mode: Baudot 45/500
12178.0	0541	25-10	Russian Gov/Intel. Mode: CROWD36
16120.0	1242	25-10	Russian Gov/Intel. Mode: CROWD36
14970.0	0731	26-10	Mazielka
12224.0	0926	26-10	Mazielka. Mixing with a CROWD36 broadcast.
12224.0	0926	26-10	Russian Gov/Intel. Mode: CROWD36
16118.0	0927	26-10	Russian Gov/Intel. Mode: CROWD36
14823.0	1049	26-10	Russian Gov/Intel. Mode: CROWD36
12224.0	1620	26-10	Mazielka
11438.0	0810	27-10	Russian Gov/Intel. Mode: CROWD36
8130.0	1005	27-10	Russian Gov/Intel. Mode: CROWD36
11471.0	1300	27-10	Russian Gov/Intel. Mode: CROWD36
14824.0	1544	27-10	Russian Gov/Intel. Mode: CROWD36
11438.0	1656	27-10	Russian Gov/Intel. Mode: CROWD36
14651.0	0640	28-10	Russian Gov/Intel. Mode: CROWD36
11438.0	0810	28-10	Russian Gov/Intel. Mode: CROWD36
11483.0	0845	28-10	Mazielka
13149.0	0856	28-10	Mazielka
16116.0	0904	28-10	Mazielka
11474.0	0910	28-10	Russian Gov/Intel. Mode: CROWD36
14474.0	0913	28-10	Russian Gov/Intel. Mode: CROWD36
12224.0	1540	28-10	Mazielka. Sequence: 463125
12216.0	1608	28-10	Russian Gov/Intel. Mode: CROWD36
15868.0	0633	29-10	Russian Gov/Intel. Mode: CROWD36
14651.0	0700	29-10	Russian Gov/Intel. Mode: CROWD36
14654.8	0800	29-10	Russian Gov/Intel CROWD36
11483.0	0845	30-10	Mazielka. Sequence: 615243
12224.0	1249	31-10	Mazielka. Sequence: 463125
12216.0	1251	31-10	Russian Gov/Intel. Mode: CROWD36
4560.0	1750	31-10	Russian Gov/Intel. See message below. Mode: Baudot 45/500

Messages on 7967 kHz:

...
 =89422 285594601628582
 =87323 70988074915365
 =86624 37260181902907165)57625 00000+++++++136

=8091 570915343450979120
 =8372 23143249725033370
 =8303 3061650669287509
 =7904 42138008341745873
 =8375 35848602889149089
 =7686 746765695987650126
 =8557 33881364672180179
 =8098 231277912596843111
 =8599 68648926706985167
 =84110 341334353363538178
 =85011 603855506085201122
 =84612 992719334852419132
 =86113 26564808046724387
 =80714 203551104378413156
 =81115 83666533916736588
 =82216 156624744608401118
 =88217 20058089655026069
 =86218 773377278191114124
 =75919 596221789229528111
 =80520 542240467399602109
 =85821 1396453000157797
 =89422 28559254601628582
 =87323 70988074960435365
 =86624 37260181902907165)57625 00000+++++++136
 =8091 570915343450979120
 =8372 23143249725033370
 =8303 3061650669287509
 =7904 42138008341745873

Messages on 6921 kHz:

...
 =80520 542240467399602109
 =85821 1396453000157797
 =89422 28559254601628582
 =87323 70988074960435365
 =86624 37260181902907165)57625 00000+++++++136

Messages on 12224 kHz:

18-10, 0805 UTC

-0809-
 41910 69161 47874 51977 84636 55381 64647 46647 18008 06270
 23995 43930 08754 65392 64269 90035 48279 80330 07833 42163
 33973 89376 50794 94433 17415 29138 76784 75078 72477 89379

39842	86575	57354	84155	22514	59568	13564	18498	58578	27971	
01643	73580	35926	47787	98984	60079	10767	59345	10078	73371	=50=
80469	09892	15587	34768	30734	31828	62913	69350	91266	46056	
62184	93197	73637	87948	62255	20878	83032	05525	57522	75128	
77565	76784	79696	03010	35019	18148	86508	29243	13632	87696	
24664	90546	28717	41123	81311	91908	99576	24257	41292	26048	
90572	64764	31423	53134	51799	67207	10258	37063	73739	09178	=100=
19274	59472	92798	22093	22109	06543	02904	85865	72060	08206	
60228	19899	21856	05252	56499	52450	05405	75389	45864	86375	
09970	91613	10616	30908	38216	14344	34026	45532	33699	10871	
48169	62196	25200	79207	65240	-	0809				

19-10, 0805 UTC

136	148	19	0805							
96158	31654	33800	87158	48393	89277	62427	94489	44929	52531	
32825	08682	73947	02579	63171	49459	08134	02192	38723	00454	
47746	37322	37400	60069	57296	34357	13519	42583	49603	50547	
36973	61153	57762	78842	08765	46528	52000	34143	84163	19142	
79107	67593	45100	75732	73656	94773	62254	95746	27486	57367	=50=
28629	13693	50912	66460	56621	84931	97736	37879	48622	55208	
78830	32055	25575	22751	28775	65767	84796	96030	10350	19181	
48865	08292	43136	32876	96246	64905	46287	17411	23813	11919	
08995	76242	57412	92260	48905	72647	64314	23531	34571	99672	
07102	58370	63737	39091	78705	75121	21683	52900	73857	92357	=100=
34053	83454	87643	97452	87343	27648	37219	00025	46443	22743	
83938	51311	51578	82584	26646	89599	20670	62037	49385	20158	
09220	98167	32049	90592	25399	46424	38840	54513	76273	62969	
69524	62394	60760	40881	04806	91360	39936	16481	78136	05994	
98731	62289	86507	17668	21563	0809					

Message on 4560 kHz:

31-10, 1750 UTC

198	156	31	1750							
73180	40992	98051	58069	80201	68409	58713	89297	26241	99557	
76528	75368	74678	97693	74598	40849	68646	54922	70646	35357	
36273	87156	95581	45166	42509	61996	76635	27585	54722	95446	
64710	66507	14245	78429	10678	72612	31074	19011	20276	76609	
43898	11293	42308	89005	12646	66900	69839	24801	35737	70007	=50=
51399	43734	39289	98313	83903	0198	88489	14578	45716	67715	
48349	25122	04176	36264	10127	18147	34828	41296	14735	41465	
67926	65006	02816	21589	27608	60975	81692	67287	93440	80624	
51420	68558	39010	84931	57098	26938	27256	39833	59635	78108	
67224	18759	42171	92717	61938	60730	94317	66366	02072	57464	=100=

41431	34688	85102	67915	11079	74466	64654	83704	53911	76726	
59687	93853	61113	02731	78253	22283	45619	58829	35478	36496	
56361	76637	17226	19848	74554	97006	83566	61417	68745	84721	
31251	71859	13375	31602	92401	51900	87644	86452	50088	87071	
45158	22053	67001	59857	18431	76454	85724	19760	12959	42041	=150=
67757	47207	70508	00774	63509	72251	06349	29070	30432	33983	
03611	75398	31134	27498	91334	13482	28532	97745	00565	58101	
86459	73935	76279	20557	68420	83615	81382	16210	30493	78543	
06479	32154	-								
		1800								

Note the 6th line, 6th group. This is no error. A coincidence that the group is the same as the key???

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: SK01

Westt1us provided a nice long transcript of the transmission on 5800 kHz at 0600 UTC on 3 October.

File: 49413787.txt 1229 bytes 490 5FGs + 4 digits remaining.

First 2 digits are 62

Second 2 digits are 6E (File name begins 49)

First 2 4FGs or 5FGs both begin with 0

Message contents:

62

6E

01050	00996	95628	23145	15400	72910	72824	34501	67124	61314
45852	07140	27129	13700	98875	50111	30552	97861	40857	03025
03529	68809	85519	20355	10090	05938	03437	25147	67547	05911
47969	48490	00733	41914	26007	43472	43229	80454	84301	93030
22671	89140	83981	11813	12025	63932	63747	82863	87499	70645
12652	99046	77812	83130	18329	70993	43451	21915	83315	48369
26192	77805	40788	58257	61061	18474	49654	38801	48988	38291
42503	31617	96491	31093	54427	23722	57806	46180	86346	99657
30787	12893	06220	19797	35241	46147	17876	46250	77781	43754
18012	66207	03975	48650	49745	86397	81013	28880	73237	61215
01758	69318	61822	79399	83815	24127	70744	67230	48592	83330
38607	48726	01887	43281	32199	54903	27912	08282	06742	37758
36741	64488	21453	38605	72284	39862	65390	34987	06662	68254
08591	96456	90504	87207	12627	11320	72864	96326	66604	60231
18629	93777	41863	58386	99192	86350	78485	27454	49639	01833
07895	80718	10038	75607	97182	91128	14850	49126	10596	08632
02045	71156	43128	46127	81458	96805	53842	66815	94232	08559
03880	00733	17084	48317	27347	46466	57702	27647	96273	29833

85596 19342 77072 20238 46924 62537 21371 70327 60910 96892
40347 77564 71482 02825 65739 19984 31630 25137 46292 60516
33043 55229 79604 82897 73984 53594 08104 76588 74827 45541
48023 72817 76617 95580 26514 22995 40102 36278 89368 49614
37684 82064 32784 15604 74022 31292 96519 80175 12825 03242
64427 95075 40306 60290 58348 47317 31493 35360 75354 45820
46311 33718 73329 17627 23773 98655 76508 00287 34050 73645
55227 18657 93772 82121 70177 59398 90330 16302 30085 52466
64098 35049 39540 48913 67B52 17615 47689 76932 41594 40478
69997 87452 42056 95692 08009 49594 28875 38747 96414 20370
59305 10698 55434 60378 23953 37396 26788 06225 65969 18241
89801 23030 03630 75038 13076 61078 99663 28426 53147 00750
63849 18755 84242 16294 33619 23663 07329 83311 95470 20233
43949 66401 59024 96777 17388 67356 15405 37571 01810 33927
35562 34901 89588 33574 33317 31976 08707 17145 69814 14985
87469 57452 42909 04168 04101 33849 47285 07990 93416 88004
68917 28307 91264 60262 03548 85716 55035 25298 91691 58908
50069 00556 16138 39427 97540 87908 50209 89328 07405 58385
40640 00310 97549 01134 07615 98917 61555 37534 23452 34998
42060 32545 15557 78256 73905 63168 34514 38613 22234 72171
09916 80895 69504 28260 55708 27189 94606 13343 12720 92054
99355 50066 97769 17692 19683 24999 85629 39285 89827 77807
44532 66428 96780 76624 79925 30550 16072 73754 54087 94343
47100 10600 92067 72026 34246 05779 19525 86198 23872 97445
82027 76311 95710 97013 71014 24668 47717 81635 72302 30925
22110 05465 91373 77937 30743 64393 46659 79476 19712 79134
41283 31164 01755 27242 68476 22692 96191 04957 39004 25801
33983 60077 96023 49626 65065 73967 09627 81602 29964 93806
39580 76548 34450 17253 56381 26986 68208 92754 92447 72731
39921 54153 99346 23263 15640 31471 92744 30729 26352 95002
55966 25880 87419 67408 17282 19636 67109 50385 08762 23144
9936

62

6E

0105 0009 9695 6282 3145 1540 0729 1072 8243 4501
6712 4613 1445 8520 7140 2712 9137 0098 8755 0111
3055 2978 6140 8570 3025 0352 9688 0985 5192 0355
1009 0059 3803 4372 5147 6754 7059 1147 9694 8490
0073 3419 1426 0074 3472 4322 9804 5484 3019 3030
2267 1891 4083 9811 1813 1202 5639 3263 7478 2863
8749 9706 4512 6529 9046 7781 2831 3018 3297 0993
4345 1219 1583 3154 8369 2619 2778 0540 7885 8257
6106 1184 7449 6543 8801 4898 8382 9142 5033 1617
9649 1310 9354 4272 3722 5780 6461 8086 3469 9657
3078 7128 9306 2201 9797 3524 1461 4717 8764 6250
7778 1437 5418 0126 6207 0397 5486 5049 7458 6397
8101 3288 8073 2376 1215 0175 8693 1861 8227 9399

8381	5241	2770	7446	7230	4859	2833	3038	6074	8726
0188	7432	8132	1995	4903	2791	2082	8206	7423	7758
3674	1644	8821	4533	8605	7228	4398	6265	3903	4987
0666	2682	5408	5919	6456	9050	4872	0712	6271	1320
7286	4963	2666	6046	0231	1862	9937	7741	8635	8386
9919	2863	5078	4852	7454	4963	9018	3307	8958	0718
1003	8756	0797	1829	1128	1485	0491	2610	5960	8632
0204	5711	5643	1284	6127	8145	8968	0553	8426	6815
9423	2085	5903	8800	0733	1708	4483	1727	3474	6466
5770	2276	4796	2732	9833	8559	6193	4277	0722	0238
4692	4625	3721	3717	0327	6091	0968	9240	3477	7564
7148	2028	2565	7391	9984	3163	0251	3746	2926	0516
3304	3552	2979	6048	2897	7398	4535	9408	1047	6588
7482	7455	4148	0237	2817	7661	7955	8026	5142	2995
4010	2362	7889	3684	9614	3768	4820	6432	7841	5604
7402	2312	9296	5198	0175	1282	5032	4264	4279	5075
4030	6602	9058	3484	7317	3149	3353	6075	3544	5820
4631	1337	1873	3291	7627	2377	3986	5576	5080	0287
3405	0736	4555	2271	8657	9377	2821	2170	1775	9398
9033	0163	0230	0855	2466	6409	8350	4939	5404	8913
67B5	2176	1547	6897	6932	4159	4404	7869	9978	7452
4205	6956	9208	0094	9594	2887	5387	4796	4142	0370
5930	5106	9855	4346	0378	2395	3373	9626	7880	6225
6596	9182	4189	8012	3030	0363	0750	3813	0766	1078
9966	3284	2653	1470	0750	6384	9187	5584	2421	6294
3361	9236	6307	3298	3311	9547	0202	3343	9496	6401
5902	4967	7717	3886	7356	1540	5375	7101	8103	3927
3556	2349	0189	5883	3574	3331	7319	7608	7071	7145
6981	4149	8587	4695	7452	4290	9041	6804	1013	3849
4728	5079	9093	4168	8004	6891	7283	0791	2646	0262
0354	8857	1655	0352	5298	9169	1589	0850	0690	0556
1613	8394	2797	5408	7908	5020	9893	2807	4055	8385
4064	0003	1097	5490	1134	0761	5989	1761	5553	7534
2345	2349	9842	0603	2545	1555	7782	5673	9056	3168
3451	4386	1322	2347	2171	0991	6808	9569	5042	8260
5570	8271	8994	6061	3343	1272	0920	5499	3555	0066
9776	9176	9219	6832	4999	8562	9392	8589	8277	7807
4453	2664	2896	7807	6624	7992	5305	5016	0727	3754
5408	7943	4347	1001	0600	9206	7720	2634	2460	5779
1952	5861	9823	8729	7445	8202	7763	1195	7109	7013
7101	4246	6847	7178	1635	7230	2309	2522	1100	5465
9137	3779	3730	7436	4393	4665	9794	7619	7127	9134
4128	3311	6401	7552	7242	6847	6226	9296	1910	4957
3900	4258	0133	9836	0077	9602	3496	2665	0657	3967
0962	7816	0229	9649	3806	3958	0765	4834	4501	7253
5638	1269	8668	2089	2754	9244	7727	3139	9215	4153
9934	6232	6315	6403	1471	9274	4307	2926	3529	5002
5596	6258	8087	4196	7408	1728	2196	3667	1095	0385

* MILITARY STATIONS *

::: M32 - RUSSIAN, CIS, UKRAINIAN MILITARY SSB & CW STATIONS

3395.5 Russian Navy: "RHY50 RHY50 RHY50 DE RJE65 RJE65 QSA K"

3866.0 Russian Mil: LDB0

4521.0 Russian Air Force: REA4

4812.5 Russian Mil: "XXX XXX RDL RDL 15748 PODAROK 01 1315 300 90 1206"

5224.0 Russian Navy: RCV

5456.0 Russian war ship RMEW wkg unid "SML FOR RJE73 RJH45".

5930.0 Russian Mil. "1hnj 1hnj 1hnj de bayg bayg"

6328.0 Russian Mil: RDL

6832.0 Russian Nav: RMP transmits severe storm warning to Baltic Fleet
collective REO: "REO de RMP QTC 428 96 6 1753 428 = SML = OPOWEQENIE
NR 275 ChTORMOWOE PREDUPRE__DENIE SEWEROZAPADNOM ... = (repeats) AR".

6998.0 CIS Mil: NTIL wkg SML0 for OP-Chat "QJG QYT4" & "QYT9".

6979.0 Russian Air Force: REA4 //4521 kHz (FSK revs).

7116.0 Russian Naval Air Transport: "RCH84 de RJF94 QSA? QTC K"
"RFJ94 de RCH84 253 1328 2202=706=etc"

7117.0 Russian Air Force: REA4

7122.0 Russian Navy: "XXX RDL 94847 PODAROK 1040 170 ..."

7664.0 Russian Navy: RIW 5LG traffic to RFH77: "YVKC< KRERZ ... ii ii BK RIW
RPT K." Has difficulty clearing message. "RFH77 de RIW QSV K. BK AA 55"

7788.0 Russian Naval Russian Naval Air Transport RJF94 wkg RCH84

7816.0 Russian Mil. "... RDL RDL 22011 52429 22011 52429 22011 52429 k" to RDL

7963.0 Russian Mil: KTSE msg to collective JEN8:

"JEN8 de KTSE QTC 440 46 23 1904 40 = 045 = PPPPP UMDTA JChChVW"
7CHZ comms check with ZXLG, T8P7, E5WJ, Y5AD, LVS4, BCIC, DRBU.

7999.0 Russian Air Force: REA4 "REA4 = 09140 23746 87458 82014 10087 88021
18277 78460 83109 10065 88511 = REA4 K".

8345.0 Russian warship RMUW wkg RFE73: "rmuw 427 16 25 22tt 427 =sml for rje73
and rae=25181 99357 ... 88ttt 25t12=ar rmuw k"

Russian warship RMUW msg to RCV: "rmuw 8t3 3 25 2228 8t3 = 84812 52158
25tt2=ar rmuw k"

Russian war ships RFH77 clg RIW.
Russian war ship RFI97 clg RIW.
Russian war ship RFH77 clg RCV.
Russian war ship RBES clg RIW.
Russian war ship RKW95 clg RIW and RIT.
Russian war ship RIR96 clg UQWH.
Russian warship RCIG clg RCV. "rcv rcv rcv de rcig rcig"
Russian navy RCV comms checks with RGZ58, RMUW, RCJE, RHG33, RMGB.
Russian Navy RCV clg war ship RGZ58

8657.0 Russian Navy: "RFH77 de RIW ZNN K"

8816.0 RFJ94 wkg various Russian Naval Aircraft
"30579 DE RFJ94"
"3T526 DE RJF94 QRV K"
"3T577 3T577 DE RJF94 RJF94 QSA QRV"
"RJF94 RJF94 DE T858T QTC K"
"3T581 3T581 3T581 3T581 DE RJF94 RJF94 QSA 2 QRV K"
"RJF94 RPT QTH XLPB 22 T 118 K RCB DE3 T5 7 9 QTC QQM XLL S17 51 RPT
AL K RJF94 QQM XLL S 17 51 K EEEM EH 7 9 CSK RJF94 OK SK"

9073.0 Russian Air Force: "REA4 REA4 = 23100 23672 60960 63504 10182 84031
23746 50960 60000 10202 86030 = REA4 K". QSYs to 7999, 6979/4521 kHz

9111.7 Russian Navy: RFH71 de RIW QSL? 241 K" repeating.

10535.0 Russian Navy. "RDL RDL RDL 5414T 75468 5414T 75468 5414T 75468 K"

10543.0 Russian Navy: RCV "...=nawip 032 21064 ..."

11000.0 Russian Navy RIW wkg various vessels. "RFH77 de RIW QRR3 QSX 12564 K"
"RIE83 de RIW QYT4 QSX 12398 K" (also 8330 and 11717). "___ de RIW QSX
15463 K". "RIE de RIW QTC 545 2_ 2 1__6 545 = 294 = 11111 96914 44940
... _7875 02024 = RPT AL AR RIW K".

11084.0 Russian Navy: "VVV RJQ84 DE RIT"

11155.0 Russian Navy: RIT: severe comm problems with RJP98. RJP98 asks for rpt of a "raketa" priority msg, radio-op on RJP98 is tough on circuit discipline and refuse to qsl due to a number of keying errors from RIT's end of the circuit.

Strategic flash message to RL0:

"xxx xxx rlo rlo 27801 l,tnewyj 8717 0219 k"

"rjq84 de rit ok qrr qsx 11084 k"

11354.0 Russian naval aircraft 30610 wkg PRIBOJ.

11848.0 Russian Air Force: REA4: "rea4 rea4 = 31t8t ... 27t85 84372 = rea4 k"
"xxx xxx rea4 rea4 ... 498 ... aridize ... "

11513.0 Russian warship RJE56 wkg RJS: "RJS de RJE56 ZZD? K. ZKM? K"

12464.0 Russian war ship RGZ58 clg RCV. "rcv de rgz57 iiii rcv de rgz58"
later war ship RFH77 called RIW and war ship RAL59 called RIT on same channel.

12464.0 Russian warship RMGB msg for RCV via RIW "626 76 29 iiii rmgb 626 76
29 1ttt 626 =sml for rcv= 22222 616t3 6525t 29t73 = ar rmgb"

"riw de rmgb for rcv qsu1 qsx 13125 k"

12692.0 Russian Navy RJE5 wkg RJE67 (from 14221 kHz).

13010.0 Russian Navy RJE56: "RJS de RJE56 ZZD? K".

13125.0 Russian warship RMGB clear voice comms with RIW and after a while two other players.

14180.0 Russian Navy: "RDL 37490 98427 ..5FGs K"

14221.0 Russian Navy RJS: "RJE56 de RJS OK QRR 14540 K". Then RJE56 works RJE67 works RJE56: "RJS de RJE56 OK QYT9 K". "RJE56 de RJS R K". Simplex net.

"RJE56 de RJE67 QYT9 QSX 12692 K". "RJE67 de RJE56 OK QYT9 QWH 12692 K"

"RJE56 239 29 4 0930 239 = 666 = 11111 24350 ... 20265 04027 = RPT AL
AR RJE56 K". RJS reads back. "RJE56 C K". RJE56 then sends "Nr 437" to RJE67.

"RJE56 de RJS QRR3 QSX 13010 K". "RJE56 QRZ? K". (RJS repeats QRR3 request). "RJE56 AS3 K".

"RJE56 de RJS QRR3 QSX 11513 K. RJS de RJE56 OK QRR3 QWH 11513 K".

"RJE67 de RJE56 QYT9 SK K". "RJE56 de RJE67 OK SK QYT9 K".

14411.0 Russian Naval General Staff "xxx RDL 48522 52951 sluvaka 7184 8585 k"

14540.0 Russian Navy "RJS de RJE56 ZZD? K". (from 14221 kHz).

14558.0 Russian Navy: RIW wkg KQL.

16912.0 Russian Mil: "XXX XXX RDL RDL 51123 64296 ..." 5FGs

VGK Moscow "xxx xxx reu reu 79482 89959 skownik 7659 9857"

Tronds comments: "Most interesting. The same day I had my receiver parked on 7999 for a longer monitoring session of REA4. Between the 1812t msg and the 1813t msg, this showed up:

"xxx xxx rea4 rea4 52196 skownik 7659 9857 (msg rptd) k"

followed by:

"xxx xxx rea4 rea4 77202 brownik 9501 1034 (msg rptd) k"

REU was prior to 2008 not observed as an addressee for VGK broadcasts. (Some indices indicate that it could be related to the merger of the naval Northern and Pacific fleet strategic bombers into the the 37th air army). But as "89959" is NOT common for the two messages, one must assume that REA4 is not part of the collective REU. But the code noun and two last 4fg's are identical for both the two "skownik" msgs, so both the collective strategic recipient "REU" as well as the 37th air army should take charge and execute similar operational orders.

Interesting. It is my understanding that the VGK frequencies (both VLF and HF) are being used for relaying strategic commands and data to all the branches of Russian strategic forces, from mobile and silo land based missiles (strategic rocket forces) via the navy arsenal of submarine stored missiles (strategic naval forces as an integral part of the Russian Navy), to the airborne cruise missiles and strategic bombs of the Russian 37th Air Army.

21438.0 Russian Navy: RCV wkg RIP90

22864.0 Russian Navy: RDL. "OR0oINA 3246 9860 KF OR0oINA 3246 9860 K"

* UTILITY ROUND-UP *

::: UNID 10169 kHz

Greg heard an unid station on 10169 kHz, 0300 and 0458 UTC, 2 Oct.

<message>

<message>

"Zaijian" (1x)

"Xing dzai chou bo dian bao" (1x) (repeat message now)

"May bao la" (1x) (end of transmission)

<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>

: V09

From ENIGMA CONTROL LIST NUMBER 24:

reported in Australasia on 3/4/6/8 meg bands, no logs. Very fast speaking, each
 phrase ends "Oh Sie" x 2. Possibly on 13680 KHZ (under BC) only reported from
 nitor in Cambodia (1998). Last European log 1999 (by ML)"

<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>

: V22 - BEIJING

very active in the period 2000-2003. It is still on the air but seems to have very limited schedule at the 2nd day of the month. Heard on 2 July, 2 August 0100 UTC on 16835 kHz and on 2 September at 0730 UTC on 17310 kHz. Nothing heard on 2 October.

2 may have been replaced by a digital mode. A so far unid mode much like K-63F (BPSK 62.5 Bd) has been noted on V22's frequencies but it cannot be coded by HAM software. The signal has been heard on:

```
-8, 1300 UTC, 8375 kHz
-9, 0630 UTC, 17310 kHz
-9, 0100 UTC, 16835 kHz
```

d frequencies: 4760, 6355, 6465, 6468, 8375, 10200, 16520, 16540, 16835, 310, 18020, 21386 kHz

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>

Not reported since November 2000.

the most widely heard callsign for years but is now seldom copied.

Marker tapes:

V 2DKI 2DKI 2DKI de 9CNV 9CNV	
V 6DNG 6DNG 6DNG de 2NX2 2NX2	
V 7NPE 7NPE 7NPE de QV5B QV5B	
V 9UQW 9UQW 9UQW de 5ZBD 5ZBD	
V ABYZ ABYZ ABYZ de 6PXJ 6PXJ	
V AU34 AU34 AU34 de 567D 567D	
V B7TZ B7TZ B7TZ de 8PNX 8PNX	
V BFR7 BFR7 BFR7 de 4XML 4XML	
V CP17 CP17 CP17 de L9CC L9CC	
V DKG6 DKG6 DKG6 de 3A7D 3A7D	
V DKLO DKLO DKLO de SDKL DEKL	
V GKVZ GKVZ GKVZ de Q7NW Q7NW	
V GM1W GM1W GM1W de B7UA B7UA	
V GM3Z GM3Z GM3Z de GNW9 GNW9	1)
V GM3Z GM3Z GM3Z de PNM9 PNM9	1)
V HJ4I HJ4I HJ4I de YI4K YI4K	
V HNR2 HNR2 HNR2 de CN9R CN9R	
V HRT6 HRT6 HRT6 de U4NP U4NP	
V IBEH IBEH IBEH de L4FC L4FC	
V IQDW IQDW IQDW de IZJT IZJT	
V JAH3 JAH3 JAH3 de CI4W CI4W	
V JS4X JS4X JS4X de 6DU0 6DU0	
v KS8Q KS8Q KS8Q de 51JU 51JU	
V LA5H LA5H LA5H de NH8T NH8T	1)
V LA5S LA5S LA5S de NH8T NH8T	1)
V MB3B MB3B MB3B de YA6X YA6X	
V MW3D MW3D MW3D de 2SLC 2SCL	
V NQ3J NQ3J NQ3J de PLDR PLDR	
V ONMT ONMT ONMT de B9VW B9VW	
V QPZM QPZM QPZM de WOXN WOXN	
V RXP7 RXP7 RXP7 de CZT2 CZT2	
V TA6EU TA6EU TA6EU de MB3R MB3R	2)
V T3AP T3AP T3AP de QF3K QF3K	
V TLU1 TLU1 TLU1 de SSC5 SSC5	
V U8OV U8OV U8OV de 1RMK 1RMK	
V XY5V XY5V XY5V de 4PPW 4PPW	
V YAV8 YAV8 YAV8 de OTUV OTUV	
V YELM YELM YELM de FC1T FC1T	

Variants:

VVV BJCC BJCC BJCC de 3SA 3SA	3)
VVV BJCQ BJCQ BJCQ de 3SW 3SW	3)
VVV XSV86 XSV86 XSV86 de 3SY 3SY	3)
VVV Q2M Q2M Q2M de NYZ NYZ	4)

V CQMSG SQMSG CQMSG de CQMSG CQMSG 5)

- 1) LA5H and PNW9 are most probably the correct calls. The other call signs appeared several times. Possibly a faulty tape.
- 2) Probably a faulty tape. Only reported once. MB3R's usual tape is
V MB3B MB3B MB3B DE YA6X YA6X
- 3) 3 and 5-character call signs. Same kind of callsigns as V26 and V27.
- 4) The only variant with a different appearance. The messages and behavior is however similar to the other stations. NYZ always uses parallel frequencies 4860 and 6840 kHz. Interesting choice!!
- 5) This test tape has been heard on 3639//4146 kHz on 16-11-2003. Both frequencies are often used by M89.

Frequencies:

3197.0	3297.0	3298.0	3327.0	3330.0	3397.0	3398.0
3399.0	3440.0	3529.0	3536.1	3536.5	3542.2	3543.5
3544.5	3546.4	3547.5	3549.4	3551.0	3552.0	3552.8
3553.2	3554.0	3556.0	3556.4	3557.5	3558.4	3561.0
3561.5	3562.0	3565.6	3570.0	3639.0	3641.5	3645.0
3846.0	3847.0	4146.0	4224.0	4225.0	4227.0	4365.0
4415.0	4439.0	4440.0	4523.0	4567.0	4602.0	4670.0
4673.0	4727.0	4770.0	4770.4	4771.5	4778.0	4831.0
4860.0	4870.0	4873.0	4874.0	4927.0	4928.0	4929.0
4983.0	5017.0	5018.0	5032.0	5051.3	5086.0	5227.0
5237.0	5237.6	5240.0	5278.0	5302.0	5304.0	5376.0
5382.0	5383.0	5384.0	5386.0	5402.0	5416.5	5418.0
5423.0	5428.0	5432.0	5436.5	5439.0	5498.0	5500.0
5580.0	5588.0	5600.0	5628.0	5629.3	5631.0	5633.5
5634.0	5635.0	5636.0	5636.1	5636.6	5636.7	5643.0
5643.8	5644.0	5645.0	5696.7	5719.0	5725.0	5727.0
5728.0	5756.0	5873.0	5875.0	6458.0	6506.5	6508.0
6509.0	6509.6	6510.0	6667.0	6668.0	6785.0	6788.0
6789.0	6840.0	6925.5	6982.0	6982.6	6985.0	6992.0
6995.0	7000.0	7025.0	7030.0	7032.9	7034.0	7036.0
7036.4	7039.0	7039.8	7041.0	7042.6	7042.7	7042.9
7043.7	7044.0	7045.0	7045.5	7047.9	7049.9	7050.0
7051.3	7051.5	7052.0	7053.0	7053.2	7054.0	7054.5
7056.0	7056.4	7056.7	7056.7	7056.8	7057.1	7057.3
7057.5	7057.6	7057.7	7057.9	7058.0	7058.5	7058.6
7058.7	7059.0	7059.0	7059.1	7059.2	7059.3	7059.4
7059.6	7059.7	7059.8	7060.0	7060.1	7060.2	7060.4
7060.5	7060.6	7060.7	7061.0	7061.1	7061.4	7061.5
7061.6	7061.7	7061.8	7061.9	7062.0	7062.1	7062.2
7062.3	7062.4	7062.5	7062.6	7062.9	7063.0	7063.1
7063.3	7063.4	7063.4	7063.5	7063.7	7063.8	7063.9
7064.0	7064.1	7064.3	7064.5	7064.7	7064.8	7065.0

7065.1	7065.2	7065.3	7065.4	7065.6	7065.7	7065.8
7066.0	7066.1	7066.2	7066.3	7066.5	7066.6	7066.7
7066.9	7067.0	7067.2	7067.3	7067.4	7067.5	7067.6
7067.8	7067.9	7068.0	7068.3	7068.5	7068.6	7068.7
7068.8	7068.9	7069.0	7069.1	7069.3	7069.5	7069.6
7070.0	7070.5	7072.0	7072.8	7072.9	7073.0	7073.1
7073.3	7073.4	7073.7	7074.0	7075.5	7076.6	7076.7
7077.0	7077.8	7078.0	7078.4	7079.0	7079.2	7080.0
7080.7	7081.5	7081.7	7082.0	7084.2	7088.0	7103.2
7145.0	7153.0	7310.0	7320.0	7414.0	7416.0	7568.0
7568.1	7582.0	7597.8	7598.5	7599.0	7600.0	7600.8
7601.0	7601.4	7601.5	7602.0	7603.0	7604.0	7623.0
7718.0	7737.0	7741.0	7779.0	7816.0	7833.0	8038.0
8038.0	8042.0	8042.0	8044.0	8046.0	8047.0	8050.0
8060.6	8120.0	8121.0	8189.5	8301.0	8308.0	8318.0
8321.0	8378.0	8437.0	8437.8	8438.3	8442.0	8455.0
8457.0	8457.1	8727.9	8802.0	8876.0	9071.0	9220.0
9422.0	9435.0	10475.0	10588.0	10640.0	10643.0	10822.0
10830.0	10831.0	10864.0	11083.0	11084.0	12585.0	16663.0

20589.0 kHz

Besides the channel markers that I have listed here, the network transmits coded messages like the ones below.

COMM/0804/LZ186/9708/9707

282/8240/8090/12/30/0340/041/A/43/45 AR

SVC 0262315 RMKS

Other transcripts:

```
v mw3d mw3d mw3d de 2slc 2slc (endless string)
v mw3d mw3d de 2slc 2slc hr cq msg nr
msg nr 226 ck 3t1 16 1t27 162t =
msg nr 226 ck 3t1 16 1t27 162t =
d3n5 tdn5 at64 43a6 7un3 a463 u57t 4t75 tt55 ttaa
73ta 65ua un34 a46t 6dan dun3 ud5n nad6 4a6u 6535
5u6t 76un u64d 5a3u u547 a6tn 5d3n d4a5 d53a dua3
a6n5 6and 3t3n un67 4uad dtnt 4ndu u3da 4td3 5n7u
6437 5tdu dau7 745a d6t5 576u dt45 7u6t 4n5d un6t
37t4 a67t a6du nu6d u4an 47nu u4t5 dta3 3475 4t7n
nadr 4na3 d74t d537 u36u t75n 3a4d 7t65 3a7n 4au6
7u56 64da 435a 73t6 5da3 nunt 5dt4 53a7 6347 ud7u
63d3 74tn 35dt 543n 3675 a64n 7a5n at65 d4u7 467t
3nu4 7tdu a6t6 3n34 d67t 6at7 nd7u 7u4t 57ta 73an
iii =
```


n67n au3a 3t73 an4t 4na5 td65 6n7a 5tau tt55 ttau
7453 4a36 atdt a364 ada4 adat 53nt n547 6dau 73du
u634 ua37 n536 at~3 n7d4 tn66 dt76 u644 75u7 3ta4
uda5 ud53 ta5a 4d47 64a7 743t 6u37 733n 3aad n3at
d463 ta34 t76t utu4 54t4 3t5t 67d7 au6u 5~u3 u365
u4nd a5u4 57d4 5n47 3a34 5t3n ud54 4ana 5u6d 5na3
6td6 3d65 n6an 5376 t373 tdt6 6d73 t46t a6u5 n~65
a763 7nun 76du tn76 3t5a u7a4 6tn7 dund ud53 n7td
nu74 7nu5 7467 n7nu t53n 5d57 6tda d456 7atu 5ua5
a3d7 d35u n6n5 n4d5 53d5 4tu6 nut3 5u74 64nn ddtu
iii =
4tn3 tdaa t4u6 ut7u 53nt 6u35 u6d5 6dna tt55 tta3
dta7 3u63 67dt 3ud7 47t7 nan5 4u64 734t nt47 4dud
45d7 n3u3 tt4u 7653 4n6u 4a56 a3tn an63 d73u 636u
nat7 duat tn73 43d7 5t3t 4563 5au6 74ua 6au6 634t
d55t nd56 6d57 td4u nuau 45a5 dna4 4ant 567u d4n4
7n7d 7367 43at 76du t5d5 tan6 73ad ntn6 uau5 7n74
d6n6 4n4t dad7 5n37 u5tu t75n tnt4 a7d4 a63a n474
7a45 udad dt5n ataa 3d37 a4d5 u53t 5n64 53a3 3d5u
7a67 347t utd6 adn7 u5u3 nant 5a4a au4n u7n4 3n56
6un5 73td n35d t356 56tn 744a 65t6 ud53 u57n u436
iii =
774a ar
msg nr 226 ck 3t1 16 1t27 162t =
... (rpt rdo)
v mw3d mw3d mw3d de 2slc 2slc (endless string)

v la5s la5s la5s de nh8t nh8t (endless string)
ugt comm = 361/5952/5885/58/53/8288/5/558/a ar
ugt comm = 361/5952/5885/58/53/8288/5/558/a ar
ugt comm = 361/5952/5885/58/53/8288/5/558/a ar
v la5s la5s la5s de nh8t nh8t (continue)

v dklo dklo dklo de sdkl sdkl (rptd)
msg nr vvv
msg nr t1t8 ck t842 22 1116 2t45 =
msg nr t1t8 ck t842 22 1116 2t45 =
msg nr t1t8 ck t842 22 1116 2t45 =
1p = =
a3ta t7tt 73ut uud5 5u55 n3t7 7dd3 uun3 aa64 3u33
4a67 nt34 56tn tt45 7n75 53n4 n33a 3tat 5u6n tat6
7647 3nd7 74ud an67 tnu7 tuan 4dtt dn44 7a7a nu7t
443d 5d33 a377 3665 66a5 6a5d 6d3a d5ua 5tu7 u55u
673n tnd3 74ta 6a77 5n5a u65n 3466 d6tu 7a6n n433
u5a5 5t~n 6544 n5ua n633 du7t 74nn 3nt5 a6t4 3dda
5773 natu 36nt nn5u n5tu d33d an36 75d5 a6ud t74t

tn46 utan nd4d 6dd4 4dnt 5tdu 43an 3675 5446 a65t
ud3t 543d u7nn 3d4d 3ana ntuu 6u43 77au d3a4 7d36
7n66 4n5d a7td 57t6 55dn u~55 d53a a556 d6n7 67ua
iii iii iii
2p = =
3a7t 3a6n 757n un76 545t n457 65tu 3utn aa33 6nu6
6d44 76a4 t6d7 unat 7n6n dn55 dntu 6dn6 33un n6an
u6t5 4ta5 n35t 43da 7nt3 363d dtu7 aud4 atn7 3ua6
a76t 5n75 nta4 ...

vvv xsv86 xsv86 xsv86 de 3sy 3sy 3sy msg (R4)
msg ga nr o6o5 ck 215 24 o324 o9o5 = =
u545 65t7 3nt7 6ta5 67d4 6dau 35du tan3 6na4 7utd
at5d tu34 un4a ~67d 7nt3 6au7 67nu 553d dn5t a353
5dtn 7536 un6t u74~ ~~4t 3uut 457d n~du 637a 3~3~
73n5 a73t 74u6 na34 56da u456 d4t5 at~7 dnt4 3dnt
d64n u456 7dnt aud3 4a5n au56 7dt3 37n6 5tu4 a37t
at5u n74u 7na3 456d d76~ tu63 n356 73dt 5utd 3a4t
u34~ ~n56 un76 d37t a3t6 a756 dnt5 d47n da53 t64a
d65n u3nd 647n a3t5 ua75 6a5u t457 dnt6 a375 utd4
45ad 53u4 3u45 67dt a6n5 n4ta 73a6 3nut n~7t 7d6u
6ud3 t6un ndta u346 7ta3 567a t47u nd55 na57 d354
iii 2p = =
5576 ~ud4 aun7 7t~3 5na6 adn~ ~463 t657 453t 4u6d
tn~5 t356 43n6 ~a3u dut7 t5~6 4an7 dnu4 a457 5a7n
5dn~ 3au6 d537 ~54n 46td ut4n tau4 35d~ 6u7a 57tn
6un7 534u t75a 6nt3 57ad td47 dua3 7643 n65u 4atn
63~~ ~tdn dta7 ~46n u345 5~~~ ~td5 67t4 53au t6n7
dd4u n6at d75n 76na 34d5 ~6a7 n~~~ 5ta4 a4~7 3u~~
~576 53td 7~~4 d5a4 ~t~n a3~~ ~5t 74au 76n3 6d4~
63n7 a73d 5u6t t45d nu47 5n3a t6a3 tud4 d456 tn7a
753d a34u tua3 467n ntue 5t7d 65dn 34ua 6tda 547n
74da a5un 7dnt tu35 na6t 5u7n 63dn 6d34 374u a465
iii 3p = =
47~4 34t6 35u4 5n6a 5dta 746d 3~5tu 73ut dan5
d6nu td65 a5dt d73n 35n6 u453
ar * * *
znn sk znn sk
ar * * *

bjcq bjcb bjcb de 3sw 3sw 3sw (rptd)
msg nr 4oo3/3o5 ck 85 o325 o91o = =
4u7t unu7 nt5t unu7 7547 5d47 4un4 naa5 n3un u7un
aa7 74un 675d nuun 7nau 5u74 45tt 67t5 aa7n 6t7n
udu4 n4u6 77n4 aa5t uuaa 4334 t3uu 7t3u 5u67 du4n
u6n4 4464 u6t4 4545 5aan u5du t67n u6t5 67u6 duu6


```
r de r de r de r de
de bx1107 qsa 2 nil sk gb
```

```
vvv vvv vvv cq cq cq de bkg bkg bkg hr nw hr nw hr nw ar ar
vvv vvv vvv cq cq cq de bkg bkg bkg hr nw hr nw hr nw ar ar
vvv vvv vvv cq cq cq de bkg bkg bkg hr nw hr nw hr nw ar ar
vvv vvv vvv cq cq cq de bkg bkg bkg hr nw hr nw hr nw ar ar
vvv vvv vvv cq cq cq de bkg bkg bkg hr nw hr nw hr nw ar ar
vvv vvv vvv cq cq cq de bkg bkg bkg hr nw hr nw hr nw ar ar
vvv vvv vvv cq cq cq de bkg bkg bkg hr nw hr nw hr nw ar ar
vvv vvv vvv cq cq cq de bkg bkg bkg hr nw hr nw hr nw ar ar
rapid dots
hr nw nr01 nr01 38 38 = =
ut5a ut5a nn63 nn63 uuta uuta nd4t nd4t d444 d444
t465 t465 6uaa 6uaa dn65 dn65 6464 6464 433d 433d
```


★ INTELLIGENCE PROFILE: RUSSIAN FEDERATION ★

::: BACKGROUND

Founded in the 12th century, the Principality of Muscovy, was able to emerge from over 200 years of Mongol domination (13th-15th centuries) and to gradually conquer and absorb surrounding principalities. In the early 17th century, a new Romanov Dynasty continued this policy of expansion across Siberia to the Pacific. Under PETER I (ruled 1682-1725), hegemony was extended to the Baltic Sea and the country was renamed the Russian Empire. During the 19th century, more territorial acquisitions were made in Europe and Asia. Defeat in the Russo-Japanese War of 1904-05 contributed to the Revolution of 1905, which resulted in the formation of a parliament and other reforms. Repeated devastating defeats of the Russian army in World War I led to widespread rioting in the major cities of the Russian Empire and to the overthrow in 1917 of the imperial household. The Communists under Vladimir LENIN seized power soon after and formed the USSR. The brutal rule of Iosif STALIN (1928-53) strengthened Communist rule and Russian dominance of the Soviet Union at a cost of tens of millions of lives. The Soviet economy and society stagnated in the following decades until General Secretary Mikhail GORBACHEV (1985-91) introduced glasnost (openness) and perestroika (restructuring) in an attempt to modernize Communism, but his initiatives inadvertently released forces that by December 1991 splintered the USSR into Russia and 14 other independent republics. Since then, Russia has shifted its post-Soviet democratic ambitions in favor of a centralized semi-authoritarian state whose legitimacy is buttressed, in part, by carefully managed national elections, former President PUTIN's genuine popularity, and the prudent management of Russia's windfall energy wealth. Russia has severely disabled a Chechen rebel movement, although violence still occurs throughout the North Caucasus.

::: GENERAL

Long name : Rossiyskaya Federatsiya (Russian Federation)

Short name: Rossiya (Russia)

Capital : Moscow

Administrative divisions:

Note: administrative divisions have the same names as their administrative centers (exceptions have the administrative center name following in parentheses)

46 oblasts: Amur (Blagoveshchensk), Arkhangel'sk, Astrakhan', Belgorod, Bryansk, Chelyabinsk, Irkutsk, Ivanovo, Kaliningrad, Kaluga, Kemerovo, Kirov, Kostroma, Kurgan, Kursk, Leningrad, Lipetsk, Magadan, Moscow, Murmansk, Nizhniy Novgorod, Novgorod, Novosibirsk, Omsk, Orenburg, Orel, Penza, Pskov, Rostov, Ryazan', Sakhalin (Yuzhno-Sakhalinsk), Samara, Saratov, Smolensk, Sverdlovsk

(Yekaterinburg), Tambov, Tomsk, Tula, Tver', Tyumen', Ul'yanovsk, Vladimir, Volgograd, Vologda, Voronezh, Yaroslavl'.

21 republics: Adygeya (Maykop), Altay (Gorno-Altaysk), Bashkortostan (Ufa), Buryatiya (Ulan-Ude), Chechnya (Groznyy), Chuvashiya (Cheboksary), Dagestan (Makhachkala), Ingushetiya (Magas), Kabardino-Balkariya (Nal'chik), Kalmykiya (Elista), Karachayevo-Cherkesiya (Cherkessk), Kareliya (Petrozavodsk), Khakasiya (Abakan), Komi (Syktyvkar), Mariy-El (Yoshkar-Ola), Mordoviya (Saransk), North Ossetia (Vladikavkaz), Sakha [Yakutiya] (Yakutsk), Tatarstan (Kazan'), Tyva (Kyzyl), Udmurtiya (Izhevsk).

4 autonomous okrugs: Chukotka (Anadyr'), Khanty-Mansi (Khanty-Mansiysk), Nenets (Nar'yan-Mar), Yamalo-Nenets (Salekhard).

9 krays: Altay (Barnaul), Kamchatka (Petropavlovsk-Kamchatskiy), Khabarovsk, Krasnodar, Krasnoyarsk, Perm', Primorskiy [Maritime] (Vladivostok), Stavropol', Zabaykal'sk (Chita).

2 federal cities: Moscow (Moskva), Saint Petersburg (Sankt-Peterburg).

1 autonomous oblast: Yevrey [Jewish] (Birobidzhan).

Geographic coordinates: 55 45 N, 37 35 E

Time difference: UTC+3. Russia is divided into 11 time zones.

::: MILITARY BRANCHES

Ground Forces (Sukhoputnyye Voyskia, SV), Navy (Voyenno-Morskoy Flot, VMF), Air Forces (Voyenno-Vozdushniye Sily, VVS); Airborne Troops (VDV), Strategic Rocket Forces (Raketnyye Voyska Strategicheskogo Naznacheniya, RVSN), and Space Troops (Kosmicheskiye Voyska, KV) are independent "combat arms," not subordinate to any of the three branches; Russian Ground Forces include the following combat arms: motorized-rifle troops, tank troops, missile and artillery troops, air defense of ground troops (2009)

::: INTELLIGENCE & SECURITY AGENCIES

Security Council

Komitet Gosudarstvennoi Bezopasnosti (KGB)

Committee for State Security (defunct)

Sluzhba Vneshney Razvedki (SVR)

Foreign Intelligence Service

Glavnoye Razvedovatel'noye Upravleniye (GRU)

Main Intelligence Directorate of the General Staff of the Armed Forces

Military Topographical Directorate of the General Staff of the Armed Forces

CIS Anti-Terrorism Center (ATTs SNG)

Federal'naya Sluzhba Bezopasnosti (FSB)

Federal Security Service

- Federal Service for Drug Trafficking Control (FSKN), formerly the State Narcotics Control Committee
- Federal'naya Agenstvo Pravitel'svennoy Svayazi i Informatsii (FAPSI) Federal Agency for Government Communications & Information
- Sistema Objedinyonnogo Uchota Dannykh o Protivnike (SOUD) System for mutual gathering of info about the enemy

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>

- Security Council

The Council was established by Presidential decree No.547, dated June 03, 1992. The council consists of the following departments and commissions.

Departments:

Department of State and Public Security
Department of International Security
Department of Economic and Industrial Security
Department of Military Construction
First Economic Division
Department of Military Inspection
Department of Security Affairs in the North-Caucasian region
Department of Information Security

Interdepartmental commissions of the Security Council:

Interdepartmental	commission	for Mobilization Organization
Interdepartmental	commission	for Defense Industrial Affairs
Interdepartmental	commission	for Defensive Security
Interdepartmental	commission	for Federal Constitutional Security
Interdepartmental	commission	for Protection of Citizens' Rights and Public Security, Crime and Corruption Control
Interdepartmental	commission	for International Security
Interdepartmental	commission	for Frontier Security
Interdepartmental	commission	for Information Security
Interdepartmental	commission	for Economic Security
Interdepartmental	commission	for Population's Health Welfare
Interdepartmental	commission	for Ecological Security

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

- Sluzhba Vneshney Razvedki (SVR)
Foreign Intelligence Service

The SVR was formed by a President decree on 18 December and is the successor of the well known KGB (Komitet Gosudarstvennoi Bezopasnosti - Committee for State Security).

The SVR is Russia's primary external intelligence agency and is responsible for

intelligence and espionage activities outside the Russian Federation. It works in cooperation with the Russian military intelligence organization GRU. The Russian Federation President can personally issue any secret orders for the SVR, without asking the State Duma and Federation Council.

A new "Law on Foreign Intelligence Organs" was passed by the State Duma and the Federation Council in late 1995 and signed into effect by President Boris Yeltsin on 10 January 1996. The law authorizes the SVR to carry out the following:

- 1) Conduct intelligence;
- 2) Implement active measures to ensure Russia's security;
- 3) Conduct military, strategic, economic, scientific and technological espionage;
- 4) Protect employees of Russian institutions overseas and their families;
- 5) Provide personal security for Russian government officials and their families;
- 6) Conduct joint operations with foreign security services;
- 7) Conduct electronic surveillance in foreign countries.

Departments:

- Department of Analysis and Information
- Department of External Counter-Intelligence
- Department of Operational and Technical Support
- Department of Economic Intelligence
- Computer and Information Department
- SVR Academy

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

- Glavnoye Razvedovatel'noye Upravleniye (GRU)
Main Intelligence Directorate of the General Staff of the Armed Forces

GRU or Glavnoje Razvedyvatel'noje Upravlenije is the acronym for the foreign military intelligence directorate of the General Staff of the Armed Forces of the Russian Federation.

The GRU is Russia's largest intelligence agency. It deploys six times as many agents in foreign countries as the SVR. Military intelligence has existed under various names since 21 October 1918. This service remains to be the most secret Russian special service. The structure after the Soviet days is a state secret. The structure mentioned hereafter was based on Viktor Suvorov's book and publications in the press.

The chief of the GRU is subordinate only to the Chief of the General Staff and the Minister of Defense and has no direct connection to the political leadership of the country. On 28 August 2001 Nezavisimaya Gazeta published an article in which it stated that the Minister of Defense had decided to replace the heads of six of the 12 subunits of the GRU with officials from the SVR. One of the SVR generals became head of communications intelligence, which controlled SIGINT sites in Cuba, Vietnam, and several other countries. The restructuring affected

several key subunits such as a Main Directorate, the Personnel Directorate, and the Organization-Mobilization Directorate.

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

- Federal'naya Sluzhba Bezopasnosti (FSB)
Federal Security Service

In spite of numerous reorganizations, reconstruction, personnel "wars" and scandals that have shaken Russian counter-intelligence for ten years the FSB is still the most powerful Russian special service.

The FSB is the main domestic security service of the Russian Federation and the main successor agency of the Soviet-era Cheka, NKVD, and KGB. The FSB is involved in counter-intelligence, internal and border security, surveillance, and counter-terrorism. Its headquarters are on Lubyanka Square, downtown Moscow, the same location as the former headquarters of the KGB. The service was formerly known as the Federal Counterintelligence Service (FSK).

The main tasks of the FSB are: Counter-Intelligence; Counter-terrorism; Anti-corruption and organized crime; Border protection; Export control

Structure (incomplete)

1. Counterintelligence Service (SKR)
 - The Directorate of Coordination and Analysis of Counterintelligence Activity
 - The Directorate of Counterintelligence at Facilities
 - The Directorate of Information Support to Operational Detective Activity
 - The Department of Military Counterintelligence
2. Service to Protect the Constitutional System and Combat Terrorism (SZKSiBT)
 - Directorate to Combat Terrorism and Political Extremism (UBTPEh)
 - Antiterrorist Center/Special Center
 - Directorate to Combat International Terrorism (UBMT)
 - Operational Detective Directorate (ORU)
3. Border Service
4. Economic Security Service (SEhB)
 - Directorate of Counterintelligence Support to the
 - Industrial Enterprises (Directorate P)
 - Transportation (Directorate T)
 - Financial System (Directorate K)
 - MVD, MChS [Ministry of Emergency Situations], and Ministry of Justice (Directorate M)
 - Organizational Analysis Directorate
 - Directorate to Combat Contraband and Illegal Drug Trafficking
 - Administrative Service
5. Current Information and International Relations Service (formerly Service for Analysis, Forecasting, and Strategic Planning)
 - Analysis Directorate
 - Directorate for the Coordination of Current Information (UKOI)

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

- Main Directorate of Special Programs (GUSP)

GUSP is according to the newspapers a secret organization that is responsible for peacetime operation, maintenance, and security of a network of leadership bunkers designed for reliable continuity of government operations during wartime and national emergencies.

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

- Federal'naya Agenstvo Pravitel'stvennoy Svayazi i Informatsii (FAPSI)
Federal Agency for Government Communications & Information

FAPSI is an exceptionally closed service specialized in Signals intelligence (SIGINT), communications intelligence (COMINT) and electronic intelligence (ELINT) operations. FAPSI must be the most battle-seasoned Russian special service. Unlike FSB it has not been subject to constant reconstruction and reorganization. Very few people realize that the number of FAPSI officers exceeds that of the FSB and SVR.

FAPSI provides Russia with so-called "special information" which is obtained by electronic intelligence methods. The agency operates a HF and satellite network, for both SIGINT purposes and transmission of government and intelligence traffic. FAPSI works closely together with the GRU, Russia's military intelligence organization, sharing SIGINT facilities around the world, including those located in embassies and consulates.

Russia had large SIGINT facilities in Cam Ranh Bay (Vietnam), Skrunda (Latvia), and Lourdes (Cuba) and an ultra secret GRU-FAPSI station at Ramona in North Korea. They were all closed in the late 1990's. The FAPSI-GRU surveillance facility at the People's Democratic Republic of Yemen's Ras Karna Military Airbase is reportedly still being used by the Russians.

The other significant source of SIGINT and ELINT is that captured by aerial and sea assets. The old, but highly effective Tupolev Tu-142M-Z "Bear" - the Beriev A-50 "Mainstay" and the IL-38 "May" surveillance planes operate from bases in Syria. Al Anad Air Base and Khormaksar International Airport in South Yemen, and San Antonio de Los Baños and José Martí Air Base in Cuba. While at sea a fleet of Russian Navy "spy trawlers" - Electronic Surveillance Ships or AGI (Auxiliary General Intelligence) SIGINT intelligence collection ships roam the seas wherever Russian Federation interest are concerned.

FAPSI developed the protected, Special-purpose Federal Information and Telecommunications System (SFITS or ITCS) for state administrative agency communications. SFITS/ITCS will link most federal agencies, and include technical and administrative documents, government directives and legal information from both the executive and legislative branches of government.

System for mutual gathering of info about the enemy

The intelligence agencies of the Warsaw Pact countries formed a single system which operated under the name Interlinked System for Recognizing Enemies (SOUND). SOUND was an organization that provided databases which were accessible by member agencies, and operated radio communications channels to support this access. The members of SOUND were the Soviet Union, Bulgaria, Cuba, Czechoslovakia, East Germany, Hungary, Mongolia, Poland and Vietnam. Founded in 1977, SOUND became fully operational in 1979. The initial rationale for the foundation of SOUND was the 1980 Olympics in Moscow. The initial task for SOUND was to gather and store information about potential foreign hostile forces that might create problems for the USSR during the Olympics. SOUND gathered information on everyone and everything - including their own and foreign embassy personnel. SOUND databanks included files on agents, hostile organizations, journalists, diplomats, cultural and commercial attaches, representatives of airlines, and just about anyone or anything else that potentially qualified as a threat to the Soviet system.

The SOUD headquarters was in Moscow, with a master radio transmission station just outside Moscow. SOUD units were based either on the premises of Russian embassies and/or in separate installations. The organization's central computer was located in Moscow, and queries from members were said to be handled in less than 4 hours time. Another main computer center was in East Germany, and a major radio transmission facility was located in Cuba. Part of the message traffic carried on SOUD transmission channels consisted of intelligence and military related material, but most of the traffic was and is standard Russian embassy traffic.

After East and West Germany reunited, the SOUD node and the Stasi archives were soon in the hands of the BND, the West German intelligence agency. SOUD remained operational for a few years as a Russian enterprise, possibly with the participation of a few states such as Vietnam and Cuba. As of 1996 the SOUD liasion network was certainly a thing of the past, although the communications infrastructure continued to be utilized by the Russian Ministry of Foreign Affairs and the SVR, transmitted by FAPSI.

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: RELATED NUMBERS STATIONS

The Russians have quite a lot of stations that transmit coded messages. Like all numbers station it's hard to find out if they are actually related to espionage activities. Some most probably are, some are linked to governmental communications (embassy traffic etc), but I guess that the majority of the stations are military stations, either GRU related or just plain military activity (tactical nets etc). Most of them don't have a specific Enigma code but can be cataloged under former Enigma code M32.

E06, E07, E17, E20, G06, G07, G17, G19, S06, S07, V06, V07, M12, M14, S25, XP, XPA, XPH, XPL, XPM

Enigma codes for military stations:

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

The majority of the information used in this profile originates from Agentura in Russia and is reprinted in "Numbers & Oddities" with kind permission of their editor Andrei Soldatov. Thanks again Andrei!!!

CIA World Factbook

Wikipedia

Agentura: <http://www.agentura.ru>

FAS: <http://www.fas.org>

<http://www.scrf.gov.ru/>

<http://www.pravitelstvo.gov.ru/institutions/services/vneshrazved.html>

<http://www.council.gov.ru/>

<http://www.infotecs.ru/law.htm>

<http://www.fsb.ru/>

<http://www.infotecs.ru/index.htm>

<http://gusp.gov.ru/>

<http://www.mil.ru/>

* LOGS SECTION *

420	MX	Mode: CW Date/time: 2-10-2009, 2205 UTC Remarks: Channel Marker "P" Contr: (MOX)
2187.5	XM	Mode: USB Date/time: 14-10-2009, 0100 UTC Remarks: "Whales" Contr: (AnEur)
3291	MX	Mode: CW Date/time: 14-10-2009, 2100 UTC Remarks: Channel marker "P" Contr: (BCI)
3658	MX	Mode: CW Date/time: 29-10-2009, 2251 UTC Remarks: Channel marker "V" Contr: (AB)
3753	M51	Mode: CW Date/time: 2-10-2009, 1626 UTC

		Remarks: ... OSYUW UMCHV ... = NR 43 S 29 18:26:59 1987 = KFWNU HUMPM ... Contr: (MPJ)
3756	S30	Mode: CW Date/time: 8-10-2009, 0123 UTC Remarks: Pip Contr: (AB)
3819	M51	Mode: CW Date/time: 15-10-2009, 2107 UTC Remarks: French Mil training Contr: (linkz)
3819	M51	Mode: CW Date/time: 20-10-2009, 0050 UTC Remarks: in progress Contr: (BCI)
3837	MX	Mode: CW Date/time: 14-10-2009, 1646 UTC Remarks: Channel marker "P" Contr: (TJ)
4246	M21	Mode: CW Date/time: 9-10-2009, 1936 UTC Remarks: PVO. =99?2336?9????? many tracking results Contr: (FN)
4270	E10	Mode: AM Date/time: 27-10-2009, 1630 UTC Remarks: //6498 PCD gc 40 HATKI Contr: (FN)
4326.2	MX	Mode: CW Date/time: 19-10-2009, 2120 UTC Remarks: Channel marker "R" Contr: (BCI)
4454	S21	Mode: USB Date/time: 9-10-2009, 1847 UTC Remarks: in progress Contr: (IARUMS)
4478.0	M08a	Mode: CW Date/time: Sat 31-10-2009, 1100 UTC Remarks: 12222 07501 (I came into this sked late and missed first callup.) Contr: (MS)
4491	S06	Mode: AM Date/time: Mon 5-10-2009, 1905 UTC Remarks: 407 0 Contr: (HFD)
4491	S06	Mode: AM Date/time: Thu 8-10-2009, 1905 UTC Remarks: 407 0 Contr: (HFD)
4491	S06	Mode: AM Date/time: Mon 12-10-2009, 1905 UTC Remarks: 407 0 Contr: (HFD)
4491	S06	Mode: AM Date/time: Thu 22-10-2009, 1905 UTC Remarks: 407 0 Contr: (HFD)
4497	E07	Mode: AM Date/time: Thu 8-10-2009, 2050 UTC Remarks: 584 1-#78/45=16307 terrible modulation Contr: (HFD)
4500.0	M94	Mode: MCW Date/time: Sat 10-10-2009, 1400 UTC Remarks: id 935, w33 Contr: (Token)
4500.0	M94	Mode: MCW Date/time: Sun 11-10-2009, 1400 UTC Remarks: id 935, w33 Contr: (Token)
4500.0	V24	Mode: AM Date/time: Fri 9-10-2009, 1530 UTC Remarks: 5f Contr: (Token)
4500.0	V24	Mode: AM Date/time: Sat 10-10-2009, 1530 UTC Remarks: 5f Contr: (Token)
4500.0	V24	Mode: AM Date/time: Wed 14-10-2009, 1200 UTC Remarks: 5f Contr: (Token)
4500.0	V24	Mode: AM Date/time: Thu 15-10-2009, 1200 UTC Remarks: 5f Contr: (Token)
4500.0	V24	Mode: AM Date/time: Sun 25-10-2009, 1530 UTC Remarks: 5f Contr: (Token)
4557.7	MX	Mode: CW Date/time: 14-10-2009, 2201 UTC

4557.7	MX	Remarks: Beacon "D" Contr: (MPJ) Mode: CW Date/time: 24-10-2009, 2352 UTC Remarks: Beacon "D" Contr: (MPJ)
4560	M42	Mode: Baudot 45/500 Date/time: 31-10-2009, 1750 UTC Remarks: Russian Gov/Intel Contr: (XSH)
4585	M01	Mode: CW Date/time: 9-10-2009, 2000 UTC Remarks: 582 582 582 179 179 34 34 = = 5FGs = = 179 179 34 34 T T T Contr: (PPA)
4600.0	V24	Mode: AM Date/time: Mon 5-10-2009, 1530 UTC Remarks: 5f Contr: (Token)
4600.0	V24	Mode: AM Date/time: Tue 6-10-2009, 1530 UTC Remarks: 5f Contr: (Token)
4600.0	V24	Mode: AM Date/time: Wed 21-10-2009, 1530 UTC Remarks: 5f Contr: (Token)
4600.0	V24	Mode: AM Date/time: Thu 22-10-2009, 1530 UTC Remarks: 5f Contr: (Token)
4605	M01b	Mode: CW Date/time: Thu 1-10-2009, 1832 UTC Remarks: 201 defect mod. Contr: (HFD)
4630.5	M51	Mode: CW Date/time: 15-10-2009, 2117 UTC Remarks: French Mil training (weak spurious 4632.58) Contr: (linkz)
4740	XM	Mode: USB Date/time: 12-10-2009, 0616 UTC Remarks: Whalesound feedback, then narrow repeating sweeps for about 5 minutes, then into what sounds like Harris AVS including the start Contr: (Vambo)
4880	E10	Mode: AM Date/time: 27-10-2009, 1630 UTC Remarks: ULX2 Contr: (FN)
4900.0	V24	Mode: AM Date/time: Sat 10-10-2009, 1620 UTC Remarks: 4f, first time I have heard this freq Contr: (Token)
4900.0	V24	Mode: AM Date/time: Sun 11-10-2009, 1620 UTC Remarks: 4f Contr: (Token)
4900.0	V24	Mode: AM Date/time: Sun 18-10-2009, 1330 UTC Remarks: 4f Contr: (Token)
4900.0	V24	Mode: AM Date/time: Mon 19-10-2009, 1330 UTC Remarks: 4f Contr: (Token)
4900.0	V24	Mode: AM Date/time: Fri 23-10-2009, 1600 UTC Remarks: 4f Contr: (Token)
4935.5	M51	Mode: CW Date/time: 27-10-2009, 0543 UTC Remarks: French Mil morse training "NR 14 0 27 06:57:05 1987 BT KNUZS RUOPA EPRSH UYZLT BWPAS" Contr: (BCI)
4948	M51	Mode: CW Date/time: 23-10-2009, 2044 UTC Remarks: NR 33 0 20 22:45:44 1987 BT LMIYN CDGOV SVXLW Contr: (BCI)
4952	S06	Mode: AM Date/time: Sat 3-10-2009, 1930 UTC Remarks: 274 0 Contr: (HFD)
4952	S06	Mode: AM Date/time: Sat 17-10-2009, 1930 UTC

		Remarks: 274 0 Contr: (HFD)
5070	S06	Mode: AM Date/time: Wed 28-10-2009, 1805 UTC Remarks: 471 0 Contr: (HFD)
5097	M51	Mode: CW ` Date/time: 16-10-2009, 1617 UTC Remarks: NR 25 0 14 18:21:02 1987 BT SHEDK ISLDB BJLCN Contr: (BCI)
5115.0	M94	Mode: MCW Date/time: Mon 5-10-2009, 1400 UTC Remarks: id 3539, w11 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Tue 6-10-2009, 1300 UTC Remarks: id 2010, w23 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Tue 6-10-2009, 1400 UTC Remarks: id 3539, w11 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Wed 7-10-2009, 1300 UTC Remarks: id 2010, w23 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Wed 7-10-2009, 1300 UTC Remarks: id 2010, w23 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Wed 7-10-2009, 1430 UTC Remarks: id 303, w18 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Wed 7-10-2009, 1430 UTC Remarks: id 303, w18 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Thu 8-10-2009, 1430 UTC Remarks: id 303, w18 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Fri 9-10-2009, 1330 UTC Remarks: id 815, w12 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Sat 10-10-2009, 1330 UTC Remarks: id 815, w12 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Tue 20-10-2009, 1400 UTC Remarks: id 3539, w11? Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Wed 21-10-2009, 1400 UTC Remarks: id 3539 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Thu 22-10-2009, 1430 UTC Remarks: id 303 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Fri 23-10-2009, 1330 UTC Remarks: id 815, w12 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Fri 23-10-2009, 1430 UTC Remarks: id 303, w18 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Sat 24-10-2009, 1330 UTC Remarks: id 815, w12 Contr: (Token)
5115.0	V24	Mode: AM Date/time: Fri 2-10-2009, 1530 UTC Remarks: 4f Contr: (Token)
5115.0	V24	Mode: AM Date/time: Sun 18-10-2009, 1530 UTC Remarks: 4f, Windows shutdown heard after numbers finish and before carrier drop Contr: (Token)
5117.0	V02a	Mode: AM Date/time: Mon 26-10-2009, 0400 UTC Remarks: Copied as dual sideband (DSB) already in progress. Contr: (westli)
5121	M42	Mode: Baudot 50/500 Date/time: 8-11-2008, 2323 UTC Remarks: Russian Gov/Intel. Traffic, offline encryption

(5FGs) word count eg "=50=" "=100=". Occ ry's. Msg hdr
(typ) "342 148 8 2300 1547 Contr: (DW)

5143	M51	Mode: CW Date/time: 23-9-2009, 1609 UTC Remarks: Morse training Contr: (BCI)
5153.7	MX	Mode: CW Date/time: 5-10-2009, 2207 UTC Remarks: Beacon "D" Contr: (MPJ)
5153.7	MX	Mode: CW Date/time: 7-10-2009, 1608 UTC Remarks: Beacon "D" Contr: (BvR)
5153.7	MX	Mode: CW Date/time: 14-10-2009, 2129 UTC Remarks: Beacon "D" Contr: (MPJ)
5170	E10	Mode: AM Date/time: 28-10-2009, 1500 UTC Remarks: PCD gc 40 HATKI //6498 Contr: (FN)
5178	XPA	Mode: AM Date/time: Fri 2-10-2009, 2040 UTC Remarks: msg Contr: (HFD)
5181.5	M51	Mode: CW Date/time: 30-9-2009, 2206 UTC Remarks: NR 4_ _ 00:05:57 1987 = OWFSH GFIQD ... Contr: (MPJ)
5222	M51	Mode: CW Date/time: 19-10-2009, 0542 UTC Remarks: NR 05 0 19 17:55:13 1987 BT LZWPR NEVALR FIOSE UCHTWR KPPOYI HGESS Contr: (BCI)
5255	M51	Mode: CW Date/time: 21-9-2009, 0559 UTC Remarks: Morse training Contr: (BCI)
5256.5	M51	Mode: CW Date/time: 28-10-2009, 1825 UTC Remarks: French Mil morse training "NR 78 0 28 19:37:54 1987 BT HKGEJ NMPAE YISMM" Contr: (BCI)
5337	M51	Mode: CW Date/time: 14-10-2009, 0431 UTC Remarks: French Mil, CW training. Contr: (Jon-FL)
5351	M42	Mode: Baudot 50/500 Date/time: 16-11-2007, 1747 UTC Remarks: Russian Gov/Intel. "... 22988 69499 37474 62284 75191 29930 09258 32157 =100= 93289 33924 45865 - 1750 cfm nil hr ok as s Contr: (WP3)
5377	M51	Mode: CW Date/time: 27-10-2009, 0606 UTC Remarks: French Mil morse training "NR 18 J 27 07:23:03 1987 BT UFDEL IMNEX" Contr: (BCI)
5417.0	V02a	Mode: AM Date/time: Fri 2-10-2009, 0200 UTC Remarks: SSYL atencion: 06211 58602 45862 Contr: (westli)
5425	M42	Mode: Baudot 50/500 Date/time: 30-12-2007, 1439 UTC Remarks: Russian Gov/Intel. "RYRY...RYRY 111 = 00 30 1430 2367" into 200x5FGS, after 50 (100,150) grps "=50=" (100, 150), end "... 54151 Contr: (ALF)
5432	S06	Mode: AM Date/time: Mon 19-10-2009, 1900 UTC Remarks: 407 0 Contr: (HFD)
5435	E06	Mode: AM Date/time: Tue 13-10-2009, 2100 UTC Remarks: 296 Contr: (HFD)
5435	E06	Mode: AM Date/time: 14-10-2009, 2104 UTC Remarks: Russian Man. 296 785 241 groups, starting 5LG groups at 2104z Contr: (linkz)

5435	E10	Mode: AM Date/time: 14-10-2009, 1930 UTC Remarks: ART Contr: (LD)
5435	E10	Mode: AM Date/time: 26-10-2009, 1600 UTC Remarks: //4165 ART gc 43 EJDSZ Contr: (FN)
5435	E10	Mode: AM Date/time: 27-10-2009, 1600 UTC Remarks: ART with msg Contr: (FN)
5435	S06	Mode: AM Date/time: 14-10-2009, 1900 UTC Remarks: Russian Man. 07407 00000 Contr: (LD)
5440	E06	Mode: AM Date/time: 14-10-2009, 2100 UTC Remarks: 296 785 241 Contr: (MUK)
5442	G06	Mode: AM Date/time: 9-10-2009, 1836 UTC Remarks: 123 and 579 calls Contr: (MUK)
5442	G06	Mode: AM Date/time: 9-10-2009, 1928 UTC Remarks: 947 821 15 87678 45321 43679 09087 76753 12345 54321 45654 12321 76775 76566 43544 23132 54567 09876 821/15 00000 Contr: (MUK)
5466.1	MX	Mode: CW Date/time: 14-10-2009, 2122 UTC Remarks: Channel marker "R" Contr: (MPJ)
5466.14	MX	Mode: CW Date/time: 25-10-2009, 0004 UTC Remarks: Channel marker "R" Contr: (MPJ)
5715.0	M94	Mode: MCW Date/time: Thu 1-10-2009, 1300 UTC Remarks: id 1017 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Thu 1-10-2009, 1500 UTC Remarks: id 521, w27 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Fri 2-10-2009, 1300 UTC Remarks: id 1017, w26 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Mon 12-10-2009, 1400 UTC Remarks: id 1014, w19 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Tue 13-10-2009, 1400 UTC Remarks: id 1014, w19 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Wed 14-10-2009, 1500 UTC Remarks: id 958, w14 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Thu 15-10-2009, 1500 UTC Remarks: id 958, w14 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Tue 20-10-2009, 1500 UTC Remarks: id 521 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Wed 21-10-2009, 1500 UTC Remarks: id 521 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Thu 22-10-2009, 1400 UTC Remarks: id 1014 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Fri 23-10-2009, 1400 UTC Remarks: id 1014, w19 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Sat 24-10-2009, 1300 UTC Remarks: id 1017 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Sun 25-10-2009, 1300 UTC Remarks: id 1017, w26 Contr: (Token)
5715.0	V24	Mode: AM Date/time: Sat 3-10-2009, 1300 UTC Remarks: 5f Contr: (Token)

5715.0	V24	Mode: AM Date/time: Sun 4-10-2009, 1300 UTC Remarks: 5f Contr: (Token)
5715.0	V24	Mode: AM Date/time: Mon 5-10-2009, 1620 UTC Remarks: 5f Contr: (Token)
5715.0	V24	Mode: AM Date/time: Tue 6-10-2009, 1620 UTC Remarks: 5f Contr: (Token)
5715.0	V24	Mode: AM Date/time: Sat 10-10-2009, 1430 UTC Remarks: 5f Contr: (Token)
5715.0	V24	Mode: AM Date/time: Sun 11-10-2009, 1430 UTC Remarks: 5f Contr: (Token)
5715.0	V24	Mode: AM Date/time: Sun 11-10-2009, 1530 UTC Remarks: 5f Contr: (Token)
5715.0	V24	Mode: AM Date/time: Mon 12-10-2009, 1530 UTC Remarks: 5f Contr: (Token)
5715.0	V24	Mode: AM Date/time: Thu 15-10-2009, 1600 UTC Remarks: 5f Contr: (Token)
5715.0	V24	Mode: AM Date/time: Fri 16-10-2009, 1400 UTC Remarks: 5f Contr: (Token)
5715.0	V24	Mode: AM Date/time: Fri 16-10-2009, 1600 UTC Remarks: 5f Contr: (Token)
5715.0	V24	Mode: AM Date/time: Sat 17-10-2009, 1400 UTC Remarks: 5f Contr: (Token)
5715.0	V24	Mode: AM Date/time: Sun 18-10-2009, 1300 UTC Remarks: 5f Contr: (Token)
5715.0	V24	Mode: AM Date/time: Mon 19-10-2009, 1300 UTC Remarks: 5f Contr: (Token)
5715.0	V24	Mode: AM Date/time: Mon 19-10-2009, 1620 UTC Remarks: 5f Contr: (Token)
5715.0	V24	Mode: AM Date/time: Tue 20-10-2009, 1430 UTC Remarks: 5f Contr: (Token)
5715.0	V24	Mode: AM Date/time: Tue 20-10-2009, 1620 UTC Remarks: 5f Contr: (Token)
5715.0	V24	Mode: AM Date/time: Wed 21-10-2009, 1430 UTC Remarks: 5f Contr: (Token)
5735	S06	Mode: AM Date/time: 7-10-2009, 1800 UTC Remarks: 471 00000 Contr: (MUK)
5735	S06	Mode: AM Date/time: Wed 7-10-2009, 1800 UTC Remarks: 471 0 Contr: (HFD)
5751	M42	Mode: Baudot 50/500 Date/time: 20-10-2008, 0010 UTC Remarks: Russian Gov/Intel. DYFS clg CIML in Morse "QSA NO QSY 95036 95036 K SLV K", "R 332 0017 K" at 0017z & at 0039z "R 225 0039 ... Z Contr: (ALF)
5762.0	V02a	Mode: AM Date/time: Sat 10-10-2009, 0200 UTC Remarks: 66851 08542 86621 Contr: (BS3)
5782	E07	Mode: AM Date/time: Tue 6-10-2009, 0700 UTC Remarks: 795 0 Contr: (HFD)
5783	S06	Mode: AM Date/time: Sat 3-10-2009, 1605 UTC Remarks: 969 0 Contr: (HFD)

5783	S06	Mode: AM Date/time: Sat 17-10-2009, 1605 UTC Remarks: 969 0 Contr: (HFD)
5788	M12	Mode: CW Date/time: Tue 27-10-2009, 1740 UTC Remarks: 463 1 Contr: (HFD)
5800.0	M08a	Mode: MCW Date/time: Thu 1-10-2009, 0600 UTC Remarks: 5f cut nums: 06481 83522 68331 Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Mon 5-10-2009, 0600 UTC Remarks: 5f cut nums: 01401 73843 68882 Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Tue 6-10-2009, 0600 UTC Remarks: 53302 30342 65241 Contr: (BS3)
5800.0	M08a	Mode: MCW Date/time: Tue 6-10-2009, 0600 UTC Remarks: 5f cut nums: 65241 53302 30342 Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Thu 8-10-2009, 0600 UTC Remarks: 06681 45261 11721 Contr: (BS3)
5800.0	M08a	Mode: MCW Date/time: Sat 10-10-2009, 0600 UTC Remarks: 40241 16081 51202 Contr: (BS3)
5800.0	M08a	Mode: MCW Date/time: Mon 12-10-2009, 0600 UTC Remarks: 5f cut nums: 35173 16221 28241 Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Tue 13-10-2009, 0600 UTC Remarks: 5f cut nums: 11152 66612 40082 Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Thu 15-10-2009, 0600 UTC Remarks: 5f cut nums: 45031 82272 64662 Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Sat 17-10-2009, 0600 UTC Remarks: 5f cut nums: 27841 03342 00541 Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Tue 20-10-2009, 0600 UTC Remarks: 5f cut nums: 55722 31252 55031 Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Thu 22-10-2009, 0600 UTC Remarks: 5f cut nums: 22402 10332 10052 Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Thu 22-10-2009, 0600 UTC Remarks: 22402 10332 10052 Contr: (MS)
5800.0	M08a	Mode: MCW Date/time: Mon 26-10-2009, 0600 UTC Remarks: 5f cut nums: 65501 30811 11611 starts and stops several times. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Tue 27-10-2009, 0600 UTC Remarks: M8a 5f cut nums: 82581 42001 86722 Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Thu 29-10-2009, 0600 UTC Remarks: 5f cut nums: 61521 06752 34701 Contr: (westli)

5800.0	M08a	Mode: MCW Date/time: Sat 31-10-2009, 0600 UTC Remarks: 5f cut nums: up late, already in progress. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Sat 31-10-2009, 0603 UTC Remarks: 16722 48741 (Moved here from 5898m at 0603z. In progress with fi Contr: (MS)
5800.0	V02a	Mode: AM Date/time: Mon 12-10-2009, 0300 UTC Remarks: SSYL: caught late. No IDs noted. LSB Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Fri 2-10-2009, 0600 UTC Remarks: 5f cut nums: caught late. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Sun 4-10-2009, 0600 UTC Remarks: 5f cut nums: caught late just finishing acty. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Tue 6-10-2009, 0630 UTC Remarks: up in TFC Contr: (BS3)
5810.0	M08a	Mode: MCW Date/time: Fri 9-10-2009, 0500 UTC Remarks: 5f cut nums: 35171 76542 77472 Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Fri 9-10-2009, 0600 UTC Remarks: 5f cut nums: 35171 84612 52701 Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Sun 11-10-2009, 0600 UTC Remarks: 5f cut nums: 21501 35172 61522 Somebody wanna answer that phone? Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Fri 16-10-2009, 0500 UTC Remarks: 5f cut nums: Caught late. No IDs heard. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Fri 16-10-2009, 0600 UTC Remarks: 5f cut nums: 96001 20522 72431 Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Sun 18-10-2009, 0600 UTC Remarks: 5f cut nums: 28482 86152 75152 strong sig Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Fri 23-10-2009, 0600 UTC Remarks: 5f cut nums: up late already in progress Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Sun 25-10-2009, 0500 UTC Remarks: 5f cut nums: 67890 12345 up late. IDs questionable due to poss Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Sun 25-10-2009, 0600 UTC Remarks: 5f cut nums: 04471 74411 50752 weak Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Fri 30-10-2009, 0600 UTC Remarks: 5f cut nums: 11612 17061 72132 strong sig. Contr: (westli)
5810.0	SK01	Mode: AM Date/time: Wed 7-10-2009, 0600 UTC Remarks: RDFT File 45149386.txt 271 bytes Contr:

		(BS3)
5810.0	SK01	Mode: AM Date/time: Wed 14-10-2009, 0600 UTC Remarks: RDFT File 45149386.txt 271 bytes Contr: (BS3)
5810.0	SK01	Mode: AM Date/time: Wed 14-10-2009, 0600 UTC Remarks: (RDFT) (Ringing sound heard on this transmitter.) Contr: (MS)
5810.0	SK01	Mode: AM Date/time: Wed 14-10-2009, 0700 UTC Remarks: (RDFT) (Ringing sound heard on this transmitter.) Contr: (MS)
5820	E10	Mode: AM Date/time: 26-10-2009, 1530 UTC Remarks: //6370 YHF gc 77 EKYU Contr: (FN)
5820	E10	Mode: AM Date/time: 28-10-2009, 1500 UTC Remarks: YHF2 Contr: (FN)
5836	E07	Mode: AM Date/time: Thu 1-10-2009, 2030 UTC Remarks: 584 0 Contr: (HFD)
5836	E07	Mode: AM Date/time: Thu 8-10-2009, 2030 UTC Remarks: 584 1 terrible modulation Contr: (HFD)
5845	M42	Mode: Baudot 50/500 Date/time: 11-3-2008, 0520 UTC Remarks: Russian Gov/Intel. Traffic: 5FGs (x215) separated with "=50=", ends with "- 0524 K CFM NIL K SK". Contr: (AnEur)
5872	M12	Mode: CW Date/time: Tue 6-10-2009, 0340 UTC Remarks: 876 2 Contr: (HFD)
5883.0	SK01	Mode: AM Date/time: Fri 23-10-2009, 0700 UTC Remarks: (RDFT) (SK01 goes down at 0710z and expected V2a begins bdcst.) (Ringin Contr: (MS)
5883.0	V02a	Mode: AM Date/time: Thu 1-10-2009, 0700 UTC Remarks: SSYL atencion: 88402 15871 63702 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Fri 2-10-2009, 0700 UTC Remarks: SSYL atencion: 87462 51781 18381 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sun 4-10-2009, 0700 UTC Remarks: 65372 42542 07501 Contr: (BS3)
5883.0	V02a	Mode: AM Date/time: Sun 4-10-2009, 0700 UTC Remarks: SSYL atencion: 65372 42542 07501 weak and noisy. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Mon 5-10-2009, 0700 UTC Remarks: SSYL atencion: 72371 up late. Only 1 ID heard. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Tue 6-10-2009, 0700 UTC Remarks: 04172 60351 43181 Contr: (BS3)
5883.0	V02a	Mode: AM Date/time: Tue 6-10-2009, 0700 UTC Remarks: SSYL atencion: 04172 60351 43181 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Thu 8-10-2009, 0700 UTC Remarks: SSYL atencion: 66811 37012 02581 Contr:

		(westli)
5883.0	V02a	Mode: AM Date/time: Thu 8-10-2009, 0700 UTC Remarks: 66811 37012 02581 Contr: (BS3)
5883.0	V02a	Mode: AM Date/time: Fri 9-10-2009, 0700 UTC Remarks: SSYL atencion: 63601 60211 62831 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sat 10-10-2009, 0700 UTC Remarks: 38132 56351 83052 Contr: (BS3)
5883.0	V02a	Mode: AM Date/time: Sun 11-10-2009, 0700 UTC Remarks: SSYL atencion: 75571 85421 25841 Somebody wanna answer that phone? Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sun 11-10-2009, 0700 UTC Remarks: 75571 85421 25841 Contr: (BS3)
5883.0	V02a	Mode: AM Date/time: Mon 12-10-2009, 0700 UTC Remarks: SSYL atencion: 28161 66631 88742 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Tue 13-10-2009, 0700 UTC Remarks: SSYL atencion: 23861 48041 05801 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Thu 15-10-2009, 0700 UTC Remarks: SSYL atencion: 16251 14852 11382 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sat 17-10-2009, 0700 UTC Remarks: SSYL atencion: 27841 03342 00541 strong signal Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sun 18-10-2009, 0700 UTC Remarks: SSYL atencion: 35312 26221 63432 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Mon 19-10-2009, 0700 UTC Remarks: SSYL atencion: 21162 54001 30312 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Tue 20-10-2009, 0700 UTC Remarks: SSYL atencion: 62032 65641 67731 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Fri 23-10-2009, 0700 UTC Remarks: SSYL: caught late, already in progress. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Fri 23-10-2009, 0710 UTC Remarks: A 16742 77842 (Comes up in progress at 0710z.) (Ringing sound hea Contr: (MS)
5883.0	V02a	Mode: AM Date/time: Sun 25-10-2009, 0700 UTC Remarks: SSYL atencion: 11412 68652 02031 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Tue 27-10-2009, 0700 UTC Remarks: SSYL atencion: 74812 87021 02812 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Thu 29-10-2009, 0700 UTC Remarks: SSYL atencion: 22372 48832 54281 Contr:

(westli)

5883.0	V02a	Mode: AM Date/time: Sat 31-10-2009, 0700 UTC Remarks: SSSL atencion: 06072 31712 75062 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sat 31-10-2009, 0700 UTC Remarks: SSSL atencion: 40271 23481 21152 strong Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Thu 1-10-2009, 0500 UTC Remarks: 06481 83522 68331 Contr: (MS)
5898.0	M08a	Mode: MCW Date/time: Thu 1-10-2009, 0500 UTC Remarks: 5f cut nums: 06481 caught late Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Sat 3-10-2009, 0500 UTC Remarks: 5f cut nums: up late, already passing msg. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Mon 5-10-2009, 0500 UTC Remarks: 5f cut nums: up late, already passing msg. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Tue 6-10-2009, 0500 UTC Remarks: 5f cut nums: Up late. No IDs. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Sat 10-10-2009, 0500 UTC Remarks: TFC up late Contr: (BS3)
5898.0	M08a	Mode: MCW Date/time: Sat 10-10-2009, 0500 UTC Remarks: S9 Contr: (AgBr)
5898.0	M08a	Mode: MCW Date/time: Mon 12-10-2009, 0500 UTC Remarks: 5f cut nums: Up late, no IDs heard. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Thu 15-10-2009, 0500 UTC Remarks: 5f cut nums: up late and weak for several minutes. No IDs heard. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Sat 17-10-2009, 0500 UTC Remarks: 5f cut nums: 03342 up late, caught late. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Mon 19-10-2009, 0500 UTC Remarks: 5f cut nums: 56822 15441 27402 Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Tue 20-10-2009, 0500 UTC Remarks: 5f cut nums: 55722 31252 55031 Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Thu 22-10-2009, 0500 UTC Remarks: 5f cut nums: up late, already passing msg. Cuts out several times. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Mon 26-10-2009, 0500 UTC Remarks: 5f cut nums: very weak Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Tue 27-10-2009, 0500 UTC Remarks: M8a 5f cut nums: Up late. Already in progress. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Thu 29-10-2009, 0500 UTC

Remarks: 5f cut nums: 06752 34701 up late already
in progress. Contr: (westli)

5898.0 M08a Mode: MCW Date/time: Sat 31-10-2009, 0500 UTC
Remarks: 5f cut nums: 50862 16722 48741 starts and
stops several times at begi Contr: (westli)

5898.0 M08a Mode: MCW Date/time: Sat 31-10-2009, 0500 UTC
Remarks: 50862 16722 48741 Contr: (MS)

5898.0 M08a Mode: MCW Date/time: Sat 31-10-2009, 0600 UTC
Remarks: 50862 16722 48741 (Moved to correct freq of
5800m at 0603z.) Contr: (MS)

5898.0 V02a Mode: AM Date/time: Fri 2-10-2009, 0800 UTC
Remarks: SSYL atencion: 87462 51781 18381 Contr:
(westli)

5898.0 V02a Mode: AM Date/time: Sun 4-10-2009, 0800 UTC
Remarks: SSYL atencion: 65372 42542 07501 Contr:
(westli)

5898.0 V02a Mode: AM Date/time: Sun 4-10-2009, 0800 UTC
Remarks: 65372 42542 07501 Contr: (BS3)

5898.0 V02a Mode: AM Date/time: Mon 5-10-2009, 0800 UTC
Remarks: SSYL atencion: 72371 07031 57602 Contr:
(westli)

5898.0 V02a Mode: AM Date/time: Mon 5-10-2009, 0800 UTC
Remarks: A 72371 07031 57602 (YL/SS) Contr: (MS)

5898.0 V02a Mode: AM Date/time: Thu 8-10-2009, 0800 UTC
Remarks: SSYL: up late. No IDs heard. Contr:
(westli)

5898.0 V02a Mode: AM Date/time: Thu 8-10-2009, 0800 UTC
Remarks: TFC up late Contr: (BS3)

5898.0 V02a Mode: AM Date/time: Fri 9-10-2009, 0800 UTC
Remarks: SSYL atencion: 63601 60211 62831 Contr:
(westli)

5898.0 V02a Mode: AM Date/time: Sat 10-10-2009, 0800 UTC
Remarks: 38132 56351 83052 Contr: (BS3)

5898.0 V02a Mode: AM Date/time: Sun 11-10-2009, 0800 UTC
Remarks: 75571 85421 25841 Contr: (BS3)

5898.0 V02a Mode: AM Date/time: Sun 11-10-2009, 0800 UTC
Remarks: SSYL atencion: 75571 85421 25841
Somebody wanna answer that phone? Contr: (westli)

5898.0 V02a Mode: AM Date/time: Mon 12-10-2009, 0800 UTC
Remarks: SSYL atencion: 28161 66631 88742 Contr:
(westli)

5898.0 V02a Mode: AM Date/time: Tue 13-10-2009, 0800 UTC
Remarks: SSYL atencion: 23861 48041 05801 some
kind of radioprinter either ble Contr: (westli)

5898.0 V02a Mode: AM Date/time: Thu 15-10-2009, 0800 UTC
Remarks: SSYL: Up late. No IDs heard. Contr: (westli)

5898.0 V02a Mode: AM Date/time: Fri 16-10-2009, 0800 UTC
Remarks: SSYL atencion: 56322 50551 56662 Contr:

		(westli)
5898.0	V02a	Mode: AM Date/time: Sat 17-10-2009, 0800 UTC Remarks: SSYL atencion: 27841 03342 00541 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sun 18-10-2009, 0800 UTC Remarks: SSYL atencion: 35312 26221 63432 strong sig Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Mon 19-10-2009, 0800 UTC Remarks: SSYL atencion: 21162 54001 30312 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Tue 20-10-2009, 0800 UTC Remarks: A 62032 65641 67731 (YL/SS) (Ringing sound heard on this transmitter.) Contr: (MS)
5898.0	V02a	Mode: AM Date/time: Tue 20-10-2009, 0800 UTC Remarks: SSYL atencion: 62032 65641 67731 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Thu 22-10-2009, 0800 UTC Remarks: SSYL atencion: 55071 72222 46102 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Fri 23-10-2009, 0800 UTC Remarks: SSYL: up late already in progress Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Fri 23-10-2009, 0800 UTC Remarks: A 41271 16742 77842 (YL/SS) Contr: (MS)
5898.0	V02a	Mode: AM Date/time: Sat 24-10-2009, 0800 UTC Remarks: SSYL atencion: 83801 1.... 03611 weak/blkd Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sun 25-10-2009, 0800 UTC Remarks: SSYL atencion: 68832 88021 03202 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Mon 26-10-2009, 0800 UTC Remarks: SSYL atencion: 12262 47372 38651 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Thu 29-10-2009, 0800 UTC Remarks: SSYL atencion: 22372 48832 54281 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Fri 30-10-2009, 0800 UTC Remarks: SSYL atencion: 40271 23481 21152 strong Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sat 31-10-2009, 0800 UTC Remarks: SSYL atencion: 06072 starts in preparing first msg. Contr: (westli)
5924	XPA	Mode: AM Date/time: Fri 2-10-2009, 2020 UTC Remarks: msg Contr: (HFD)
5930.0	SK01	Mode: AM Date/time: Tue 6-10-2009, 0930 UTC Remarks: RDFT File 82612822.txt 1024 bytes Contr: (BS3)
5930.0	SK01	Mode: AM Date/time: Thu 8-10-2009, 0930 UTC

		Remarks: RDFT File 15345422.txt 1024 bytes Contr: (BS3)
5930.0	SK01	Mode: AM Date/time: Thu 15-10-2009, 0930 UTC Remarks: (RDFT) (Ringing sound heard on this transmitter.) Contr: (MS)
5930.0	SK01	Mode: AM Date/time: Thu 15-10-2009, 0930 UTC Remarks: RDFT File 43155472.txt 1024 bytes Contr: (BS3)
5930.0	SK01	Mode: AM Date/time: Sat 17-10-2009, 0930 UTC Remarks: RDFT 43155472.txt 1024 bytes Contr: (BS3)
5930.0	SK01	Mode: AM Date/time: Tue 20-10-2009, 0930 UTC Remarks: (RDFT) Contr: (MS)
5938	M01b	Mode: CW Date/time: Thu 1-10-2009, 1500 UTC Remarks: 159 Contr: (HFD)
5938	M24a	Mode: CW Date/time: 6-10-2009, 1900 UTC Remarks: 856(712 56) 956(438 67) Contr: (BR)
5947.0	M08a	Mode: MCW Date/time: Sat 31-10-2009, 0900 UTC Remarks: 5f cut nums: 12345 67890 expected SK01, got MCW testing beginning at Contr: (westli)
5947.0	SK01	Mode: AM Date/time: Thu 15-10-2009, 0900 UTC Remarks: (RDFT) (Ringing sound heard on this transmitter.) Contr: (MS)
5947.0	SK01	Mode: AM Date/time: Tue 20-10-2009, 0900 UTC Remarks: (RDFT) Contr: (MS)
5974.0	SK01	Mode: AM Date/time: Sat 17-10-2009, 0900 UTC Remarks: RDFT no decode qrm Contr: (BS3)
5982	MX	Mode: CW Date/time: 10-10-1009, 0800 UTC Remarks: Channel marker "P" Contr: (MUK)
5982	MX	Mode: CW Date/time: 19-10-2009, 0639 UTC Remarks: Channel marker "P" Contr: (BCI)
5982	MX	Mode: CW Date/time: 24-10-2009, 1035 UTC Remarks: Channel marker "P" Contr: (MPJ)
6215.0	V24	Mode: AM Date/time: Fri 2-10-2009, 1500 UTC Remarks: 5f Contr: (Token)
6215.0	V24	Mode: AM Date/time: Sat 3-10-2009, 1400 UTC Remarks: 4f Contr: (Token)
6215.0	V24	Mode: AM Date/time: Sat 3-10-2009, 1430 UTC Remarks: 5f, error TX music restarted when numbers should have, corrected after Contr: (Token)
6215.0	V24	Mode: AM Date/time: Sat 3-10-2009, 1500 UTC Remarks: 5f Contr: (Token)
6215.0	V24	Mode: AM Date/time: Sun 4-10-2009, 1400 UTC Remarks: 4f Contr: (Token)
6215.0	V24	Mode: AM Date/time: Sun 4-10-2009, 1430 UTC Remarks: 5f Contr: (Token)
6215.0	V24	Mode: AM Date/time: Sun 4-10-2009, 1500 UTC Remarks: 5f Contr: (Token)
6215.0	V24	Mode: AM Date/time: Mon 5-10-2009, 1500 UTC

		Remarks: 5f Contr: (Token)
6215.0	V24	Mode: AM Date/time: Tue 6-10-2009, 1500 UTC Remarks: 5f Contr: (Token)
6215.0	V24	Mode: AM Date/time: Sat 10-10-2009, 1500 UTC Remarks: 5f Contr: (Token)
6215.0	V24	Mode: AM Date/time: Sat 10-10-2009, 1600 UTC Remarks: 4f Contr: (Token)
6215.0	V24	Mode: AM Date/time: Sun 11-10-2009, 1500 UTC Remarks: 5f Contr: (Token)
6215.0	V24	Mode: AM Date/time: Sun 11-10-2009, 1600 UTC Remarks: 4f Contr: (Token)
6215.0	V24	Mode: AM Date/time: Tue 13-10-2009, 1430 UTC Remarks: 5f Contr: (Token)
6215.0	V24	Mode: AM Date/time: Fri 16-10-2009, 1500 UTC Remarks: 5f Contr: (Token)
6215.0	V24	Mode: AM Date/time: Sat 17-10-2009, 1500 UTC Remarks: 5f Contr: (Token)
6215.0	V24	Mode: AM Date/time: Sun 18-10-2009, 1400 UTC Remarks: 4f Contr: (Token)
6215.0	V24	Mode: AM Date/time: Sun 18-10-2009, 1500 UTC Remarks: 5f Contr: (Token)
6215.0	V24	Mode: AM Date/time: Mon 19-10-2009, 1400 UTC Remarks: 4f Contr: (Token)
6215.0	V24	Mode: AM Date/time: Mon 19-10-2009, 1500 UTC Remarks: 5f Contr: (Token)
6215.0	V25	Mode: AM Date/time: Wed 14-10-2009, 1430 UTC Remarks: 5f Contr: (Token)
6270	E10	Mode: AM Date/time: 26-10-2009, 1430 UTC Remarks: ULX gc 17 ?HBFZ Contr: (FN)
6270	E10	Mode: AM Date/time: 26-10-2009, 1530 UTC Remarks: //5320 ULX1 Contr: (FN)
6270	E10	Mode: AM Date/time: 28-10-2009, 1400 UTC Remarks: ULX2 //7760 Contr: (FN)
6370	E10	Mode: AM Date/time: 27-10-2009, 1530 UTC Remarks: YHF gc 73 IDLBI SEPOY Contr: (FN)
6379	M22	Mode: CW Date/time: 9-10-2009, 1822 UTC Remarks: 4XZ: Navy Haifa "vvv de 4XZ 4XZ ==" Contr: (FN)
6397	E11	Mode: USB Date/time: Tue 13-10-2009, 0605 UTC Remarks: 517/00 Contr: (HFD)
6417	XSL	Mode: PSK Date/time: 2-10-2009, 1839 UTC Remarks: Japanese Navy telemetry "slot machine" Contr: (BvR)
6445	XSL	Mode: PSK Date/time: 2-10-2009, 1839 UTC Remarks: Japanese Navy telemetry "slot machine" Contr: (BvR)
6464	S06	Mode: AM Date/time: Tue 13-10-2009, 1500 UTC Remarks: 537-941/6=67805 Contr: (HFD)

6498	E10	Mode: AM Date/time: 27-10-2009, 1630 UTC Remarks: //4270 kHz PCD gc 40 HATKI Contr: (FN)
6498	E10	Mode: AM Date/time: 28-10-2009, 1500 UTC Remarks: PCD gc 40 HATKI //5170 Contr: (FN)
6730.0	V24	Mode: AM Date/time: Mon 5-10-2009, 1430 UTC Remarks: 5f Contr: (Token)
6730.0	V24	Mode: AM Date/time: Tue 6-10-2009, 1200 UTC Remarks: 5f Contr: (Token)
6730.0	V24	Mode: AM Date/time: Tue 6-10-2009, 1430 UTC Remarks: 5f Contr: (Token)
6730.0	V24	Mode: AM Date/time: Wed 7-10-2009, 1200 UTC Remarks: 5f Contr: (Token)
6730.0	V24	Mode: AM Date/time: Wed 7-10-2009, 1200 UTC Remarks: 5f Contr: (Token)
6730.0	V24	Mode: AM Date/time: Thu 8-10-2009, 1600 UTC Remarks: 5f Contr: (Token)
6730.0	V24	Mode: AM Date/time: Fri 9-10-2009, 1600 UTC Remarks: 5f Contr: (Token)
6730.0	V24	Mode: AM Date/time: Wed 14-10-2009, 1330 UTC Remarks: 5f Contr: (Token)
6730.0	V24	Mode: AM Date/time: Thu 15-10-2009, 1330 UTC Remarks: 5f Contr: (Token)
6730.0	V24	Mode: AM Date/time: Thu 15-10-2009, 1430 UTC Remarks: 5f Contr: (Token)
6730.0	V24	Mode: AM Date/time: Fri 16-10-2009, 1430 UTC Remarks: 5f Contr: (Token)
6730.0	V24	Mode: AM Date/time: Wed 21-10-2009, 1200 UTC Remarks: 5f Contr: (Token)
6730.0	V24	Mode: AM Date/time: Thu 22-10-2009, 1200 UTC Remarks: 5f Contr: (Token)
6730.0	V24	Mode: AM Date/time: Sat 24-10-2009, 1600 UTC Remarks: 5f Contr: (Token)
6730.0	V24	Mode: AM Date/time: Sun 25-10-2009, 1600 UTC Remarks: 5f Contr: (Token)
6768.0	V02a	Mode: AM Date/time: Sat 3-10-2009, 0100 UTC Remarks: SSYL atencion: 08752 61022 28121 Contr: (westli)
6768.0	V02a	Mode: AM Date/time: Sat 10-10-2009, 0100 UTC Remarks: 66851 08542 86621 Contr: (BS3)
6768.0	V02a	Mode: AM Date/time: Mon 12-10-2009, 0400 UTC Remarks: SSYL: Very weak. Becomes more readable later in the sked. Contr: (westli)
6768.0	V02a	Mode: AM Date/time: Mon 26-10-2009, 0400 UTC Remarks: SSYL: LSB. already in progress. Contr: (westli)
6768.0	V02a	Mode: AM Date/time: Sat 31-10-2009, 0100 UTC Remarks: SSYL atencion: 56022 05772 44541 very weak Contr: (westli)

6782	M12	Mode: CW Date/time: Tue 6-10-2009, 0500 UTC Remarks: 749 1 Contr: (HFD)
6785.0	M08a	Mode: CW Date/time: Tue 6-10-2009, 1900 UTC Remarks: up late ***** 44711 ***** Contr: (BS3)
6785.0	M08a	Mode: CW Date/time: Wed 7-10-2009, 1900 UTC Remarks: 56872 70682 21682 Contr: (BS3)
6785.0	M08a	Mode: MCW Date/time: Thu 8-10-2009, 1900 UTC Remarks: ***** 47031 56842 up late started on 12180khz Contr: (BS3)
6785.0	M08a	Mode: CW Date/time: Fri 9-10-2009, 1900 UTC Remarks: 65162 45681 24411 Contr: (BS3)
6802	M12	Mode: CW Date/time: Wed 7-10-2009, 1720 UTC Remarks: 463 1 Contr: (HFD)
6802	M12	Mode: CW Date/time: Tue 27-10-2009, 1720 UTC Remarks: 463 1 Contr: (HFD)
6804	E11	Mode: USB Date/time: Tue 27-10-2009, 0535 UTC Remarks: 633/00 Contr: (HFD)
6809	MX	Mode: CW Date/time: 7-10-2009, 1424 UTC Remarks: Channel marker "V" Contr: (TJ)
6825	M42	Mode: FSK 200/1000 Date/time: 7-10-2009, 2105 UTC Remarks: Russian Intel Contr: (linkz)
6840	E10	Mode: AM Date/time: 27-10-2009, 1600 UTC Remarks: //7690 EZI2 Contr: (FN)
6840	M89	Mode: CW Date/time: 2-10-2009, 1820 UTC Remarks: Q2M de NYZ. M89 variant. Contr: (GC)
6840	M89	Mode: CW Date/time: 9-10-2009, 1920 UTC Remarks: vvv Q2M Q2M Q2M de NYZ NYZ NYZ (M89 variant) Contr: (FN)
6842	XPA	Mode: AM Date/time: Fri 2-10-2009, 2000 UTC Remarks: msg Contr: (HFD)
6845	S06	Mode: AM Date/time: Mon 12-10-2009, 2115 UTC Remarks: 397 0 Contr: (HFD)
6854.0	M08a	Mode: CW Date/time: Wed 7-10-2009, 2200 UTC Remarks: 42552 51271 32672 Contr: (BS3)
6854.0	M08a	Mode: CW Date/time: Wed 7-10-2009, 2200 UTC Remarks: (Too weak for copy.) Contr: (MS)
6854.0	M08a	Mode: CW Date/time: Thu 8-10-2009, 2200 UTC Remarks: 14161 12021 62612 (Very weak signal.) Contr: (MS)
6854.0	M08a	Mode: CW Date/time: Thu 22-10-2009, 2200 UTC Remarks: 22231 12202 02322 Contr: (MS)
6854.0	M08a	Mode: CW Date/time: Wed 28-10-2009, 2200 UTC Remarks: 28531 43721 71221 Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Fri 2-10-2009, 2100 UTC Remarks: (Carrier present, but no xmsn) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Sat 3-10-2009, 2100 UTC Remarks: (Carrier moved to 7887m at 2101z.) Contr: (MS)

6855.0	V02a	Mode: AM Date/time: Sun 4-10-2009, 2100 UTC Remarks: 68711 22222 62642 Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Mon 5-10-2009, 2100 UTC Remarks: ***** 40832 28752 up late Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Tue 6-10-2009, 2100 UTC Remarks: 06112 02302 40621 Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Tue 6-10-2009, 2100 UTC Remarks: A 06112 02302 40621 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Wed 7-10-2009, 2100 UTC Remarks: A 08212 26382 86272 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Wed 7-10-2009, 2100 UTC Remarks: 08212 26382 86272 Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Thu 8-10-2009, 2100 UTC Remarks: (Missed callups as target started late.) (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Thu 8-10-2009, 2100 UTC Remarks: TFC up late and stopped early Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Fri 9-10-2009, 2100 UTC Remarks: A 45311 02232 (YL/SS) (Came up late at 2105z in progress with fir Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Fri 9-10-2009, 2100 UTC Remarks: TFC up late Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Mon 12-10-2009, 0300 UTC Remarks: SSSL atencion: Very weak Contr: (westli)
6855.0	V02a	Mode: AM Date/time: Tue 13-10-2009, 2100 UTC Remarks: A 57251 38532 01762 (YL/SS) (Ringing sound heard on this transmitter.) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Wed 14-10-2009, 2100 UTC Remarks: A 44352 25172 17881 (Ringing sound heard on this transmitter.) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Thu 15-10-2009, 2100 UTC Remarks: A 04101 76852 33381 (Ringing sound heard on this transmitter.) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Fri 16-10-2009, 2100 UTC Remarks: A 04222 11602 68121 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Sat 17-10-2009, 2100 UTC Remarks: A 27782 30431 72721 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Mon 19-10-2009, 2100 UTC Remarks: A 06881 88471 87031 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Tue 20-10-2009, 2100 UTC Remarks: A 05481 04662 32241 (YL/SS) (Ringing sound heard on this transmitter.) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Wed 21-10-2009, 2100 UTC Remarks: A 20652 63552 12132 (YL/SS) (Ringing sound heard on this transmitter.) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Thu 22-10-2009, 2100 UTC Remarks: A 40632 86762 01121 (YL/SS) (Ringing heard on this transmitter.) Contr: (MS)

6855.0	V02a	Mode: AM Date/time: Sun 25-10-2009, 2100 UTC Remarks: A 84871 18082 44482 (YL/SS) (Ringing sound heard on this transmitter.) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Mon 26-10-2009, 2100 UTC Remarks: A 36201 51311 18412 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Tue 27-10-2009, 2100 UTC Remarks: A 64741 (YL/SS) (Came in late, missed last two callups.) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Wed 28-10-2009, 2100 UTC Remarks: A 17322 00812 73652 (YL/SS) (Broadcast began with Radio Habana until 21 Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Thu 29-10-2009, 2100 UTC Remarks: SSYL: very weak. Contr: (westli)
6855.0	V02a	Mode: AM Date/time: Thu 29-10-2009, 2100 UTC Remarks: A 45111 27482 35381 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Fri 30-10-2009, 2140 UTC Remarks: (I came in late and missed all callups. Probably same as 2000z on 7887 Contr: (MS)
6866.0	V02a	Mode: AM Date/time: Sat 3-10-2009, 2102 UTC Remarks: (Carrier back up, but xmsn did not continue from 7887m at 2102z.) Contr: (MS)
6913	S06	Mode: AM Date/time: Sat 24-10-2009, 1600 UTC Remarks: 969 0 Contr: (HFD)
6920	E06	Mode: AM Date/time: Tue 13-10-2009, 2000 UTC Remarks: 296-785/241=72216 Contr: (HFD)
6920	E06	Mode: AM Date/time: 14-10-2009, 2040 UTC Remarks: Russian Man. 296 785 241 groups, ends at 2044z Contr: (linkz)
6920	E06	Mode: AM Date/time: 14-10-2009, 2130 UTC Remarks: 296 785 241 Contr: (MUK)
6921	M42	Mode: RTTY-ITA2/200/500 Date/time: 1-10-2009, 2315 UTC Remarks: Russian Gov/Intel. "... =89422 285594601628582 =87323 70988074915365 =86624 37260181902907165)57625 00000+++++++136", s/off. Contr: (ALF)
6921	M42	Mode: Baudot 100/500 Date/time: 16-10-2009, 1535 UTC Remarks: DOSC Contr: (BCI)
6932.0	M08a	Mode: CW Date/time: Thu 8-10-2009, 2100 UTC Remarks: ***** 12021 62612 Contr: (BS3)
6932.0	M08a	Mode: CW Date/time: Thu 22-10-2009, 2100 UTC Remarks: (I came in late and missed the callups.) Contr: (MS)
6933.0	V02a	Mode: AM Date/time: Sun 4-10-2009, 0700 UTC Remarks: V2a SSYL atencion: 67061 54012 34351 Contr: (westli)
6933.0	V02a	Mode: AM Date/time: Sun 4-10-2009, 0700 UTC Remarks: 67061 54012 34351 Contr: (BS3)
6933.0	V02a	Mode: AM Date/time: Sun 11-10-2009, 0700 UTC

		Remarks: 08331 83202 35261 Contr: (BS3)
6933.0	V02a	Mode: AM Date/time: Sun 11-10-2009, 0700 UTC Remarks: SSYL atencion: 08331 83202 35261
		Somebody wanna answer that phone? Contr: (westli)
6933.0	V02a	Mode: AM Date/time: Sun 18-10-2009, 0700 UTC Remarks: SSYL atencion: 77671 13411 23851 Contr: (westli)
6945	M42	Mode: CROWD36 Date/time: 23-10-2009, 1932 UTC Remarks: Russian Gov/Intel. "RNCTLHPOGMV DCWOX" Contr: (BCI)
6952.0	M01a	Mode: AM Date/time: Mon 5-10-2009, 1525 UTC Remarks: 279(x3)72924(x2);333 73519(x2);279(x3) 333 72745(x2);333 72599(x2); 111 Contr: (FMB)
6954.0	M08a	Mode: CW Date/time: Thu 8-10-2009, 2200 UTC Remarks: 14161 12021 62612 Contr: (BS3)
6956.5	M21	Mode: CW Date/time: 9-10-2009, 1833 UTC Remarks: PV0. =992233??8????? only timestamps Contr: (FN)
6962	X06	Mode: AM Date/time: 1-10-2009, 2324 UTC Remarks: Mazielka. Sequence: 164532 Contr: (Dan)
6982	E07	Mode: AM Date/time: Tue 6-10-2009, 0720 UTC Remarks: 795 0 Contr: (HFD)
6986	E10	Mode: AM Date/time: 26-10-2009, 1400 UTC Remarks: ART gc 49 TCLKG Contr: (FN)
6986	E10	Mode: AM Date/time: 28-10-2009, 1330 UTC Remarks: ART gc 96 GSNF? Contr: (FN)
6986	E10	Mode: AM Date/time: 28-10-2009, 1400 UTC Remarks: ART gc 49 TCLJG Contr: (FN)
7000	M22	Mode: CW Date/time: 21-9-2009, 0643 UTC Remarks: 4XZ - Haifa. VVV DE 4XZ Contr: (BCI)
7027.5	MX	Mode: CW Date/time: 30-10-2009, 2058 UTC Remarks: Channel marker "V" Contr: (AB)
7038.7	MX	Mode: CW Date/time: 30-10-2009, 2105 UTC Remarks: Beacon "D" Contr: (AB)
7038.8	MX	Mode: CW Date/time: 30-10-2009, 2105 UTC Remarks: Beacon "P" Contr: (AB)
7038.9	MX	Mode: CW Date/time: 30-10-2009, 2105 UTC Remarks: Beacon "S" Contr: (AB)
7039	MX	Mode: CW Date/time: 30-10-2009, 2106 UTC Remarks: Beacon "C" Contr: (AB)
7242	S06	Mode: AM Date/time: Tue 13-10-2009, 1510 UTC Remarks: 537 Contr: (HFD)
7361	M51	Mode: CW Date/time: 13-10-2009, 0539 UTC Remarks: NR 41 0 13 07:43:04 1987 BT AJPYG EABCA Contr: (BCI)
7368	M12	Mode: CW Date/time: Tue 6-10-2009, 0410 UTC Remarks: 309 0 Contr: (HFD)
7409	M51	Mode: CW Date/time: 12-10-2009, 0633 UTC

		Remarks: NR 13 0 12 08:I E4:33 1987 BT XYOKL JVQDM KDFLM MJYPT Contr: (BCI)
7462	XPA	Mode: AM Date/time: Thu 1-10-2009, 1940 UTC Remarks: msg Contr: (HFD)
7516	E07	Mode: AM Date/time: Thu 1-10-2009, 2010 UTC Remarks: 584 0 Contr: (HFD)
7516	E07	Mode: AM Date/time: Thu 8-10-2009, 2010 UTC Remarks: 584 1 terrible modulation Contr: (HFD)
7519.0	M08a	Mode: CW Date/time: Mon 5-10-2009, 2200 UTC Remarks: 06832 48052 47501 Contr: (BS3)
7519.0	M08a	Mode: CW Date/time: Mon 19-10-2009, 2200 UTC Remarks: (QRM. Strong voice program at 7520m blocks.) Contr: (MS)
7519.0	M08a	Mode: CW Date/time: Wed 21-10-2009, 2200 UTC Remarks: 53412 (Too weak for copy.) Contr: (MS)
7519.0	M08a	Mode: CW Date/time: Wed 28-10-2009, 2200 UTC Remarks: (QRM too heavy, and signal too weak for copy.) Contr: (MS)
7519.0	M08a	Mode: CW Date/time: Fri 30-10-2009, 2200 UTC Remarks: (QRM blocks signal. No copy.) Contr: (MS)
7519.0	M08a	Mode: CW Date/time: Fri 30-10-2009, 2300 UTC Remarks: (Signal too weak here. Unable to copy. Expected thi Contr: (MS)
7523	M12	Mode: CW Date/time: Tue 6-10-2009, 0520 UTC Remarks: 749 1 Contr: (HFD)
7537	M51	Mode: CW Date/time: 27-10-2009, 0645 UTC Remarks: French Mil morse training "NR 66 M 28 07:01:56 1987 BT ATWBC SCQLP ARCPA ALMBJ LKQRF" Contr: (BCI)
7554.0	M08a	Mode: CW Date/time: Tue 6-10-2009, 2000 UTC Remarks: 73401 44711 22782 Contr: (BS3)
7554.0	M08a	Mode: CW Date/time: Wed 7-10-2009, 2000 UTC Remarks: 56872 70682 21682 Contr: (BS3)
7554.0	M08a	Mode: CW Date/time: Fri 9-10-2009, 2000 UTC Remarks: 65162 45681 24411 Contr: (BS3)
7601	M89	Mode: CW Date/time: 2-10-2009, 1729 UTC Remarks: V DKG6 DKG6 DKG6 de 3A7D 3A7D Contr: (GC)
7620	S06	Mode: AM Date/time: Wed 21-10-2009, 1230 UTC Remarks: 967-814/5=49319 Contr: (HFD)
7626	M42	Mode: Baudot 200/500 Date/time: 15-10-2009, 1641 UTC Remarks: Russian Gov/Intel. "00000+++++++162)5761 00000+++++++162)5761" Contr: (BCI)
7634	X06	Mode: AM Date/time: 9-10-2009, 2100 UTC Remarks: Mazielka. Sequence: 156234 Contr: (PPA)

7690	E10	Mode: AM Date/time: 26-10-2009, 1400 UTC Remarks: EZI2 Contr: (FN)
7690	E10	Mode: AM Date/time: 26-10-2009, 1430 UTC Remarks: //6840 EZI gc 28 GPYZH Contr: (FN)
7690	E10	Mode: AM Date/time: 26-10-2009, 1500 UTC Remarks: //6840 EZI2 Contr: (FN)
7690	E10	Mode: AM Date/time: 26-10-2009, 1600 UTC Remarks: //6840 EZI2 Contr: (FN)
7690	E10	Mode: AM Date/time: 27-10-2009, 1600 UTC Remarks: //6840 EZI2 Contr: (FN)
7690	E10	Mode: AM Date/time: 28-10-2009, 0830 UTC Remarks: EZI with msg, but too weak Contr: (FN)
7690	E10	Mode: AM Date/time: 28-10-2009, 1330 UTC Remarks: EZI2 Contr: (FN)
7690	E10	Mode: AM Date/time: 28-10-2009, 1400 UTC Remarks: EZI2 Contr: (FN)
7690	E10	Mode: AM Date/time: 28-10-2009, 1500 UTC Remarks: EZI2 Contr: (FN)
7714	M42	Mode: FSK 200/1000 Date/time: 14-10-2009, 2015 UTC Remarks: Russian Gov/Intel Contr: (linkz)
7760	E10	Mode: AM Date/time: 26-10-2009, 1400 UTC Remarks: ULX gc 29 GTYUZ Contr: (FN)
7760	E10	Mode: AM Date/time: 26-10-2009, 1500 UTC Remarks: //6270 ULX2 Contr: (FN)
7760	E10	Mode: AM Date/time: 27-10-2009, 1000 UTC Remarks: with msg Contr: (FN)
7760	E10	Mode: AM Date/time: 28-10-2009, 1330 UTC Remarks: ULX gc 17 WEMLA Contr: (FN)
7760	E10	Mode: AM Date/time: 28-10-2009, 1400 UTC Remarks: ULX2 //6270 Contr: (FN)
7760	E10	Mode: AM Date/time: 28-10-2009, 1500 UTC Remarks: ULX2 Contr: (FN)
7804.1	M51	Mode: CW Date/time: 16-10-2009, 0823 UTC Remarks: French Mil. CW training. Contr: (Jon-FL)
7881	M51	Mode: CW Date/time: 22-9-2009, 1530 UTC Remarks: NR 38 S 22 17:12:23 1987 BT TRARB BFAFD ILTNO HCPUZ HUJXI Contr: (BCI)
7887.0	M08a	Mode: MCW Date/time: Thu 1-10-2009, 2000 UTC Remarks: 20021 73381 24821 (This was an operator mistake. Xmsn stopped at 2002z Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Thu 1-10-2009, 2002 UTC Remarks: A 74282 38401 86712 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Fri 2-10-2009, 2000 UTC Remarks: (Carrier present, but no xmsn) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Sat 3-10-2009, 2000 UTC Remarks: A 32302 45502 77382 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Sat 3-10-2009, 2101 UTC Remarks: A 32302 45502 77382 (YL/SS. After one

		minute of callup, carrier moved Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Sun 4-10-2009, 2000 UTC Remarks: 68711 22222 62642 Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Mon 5-10-2009, 2000 UTC Remarks: A 22472 40832 28752 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Mon 5-10-2009, 2000 UTC Remarks: 22472 40832 28752 Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Tue 6-10-2009, 2000 UTC Remarks: 06112 02302 40621 Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Tue 6-10-2009, 2000 UTC Remarks: A 06112 02302 40621 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Wed 7-10-2009, 2000 UTC Remarks: 08212 26382 86272 Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Wed 7-10-2009, 2000 UTC Remarks: A 08212 26382 86272 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Fri 9-10-2009, 2000 UTC Remarks: 13312 54311 02232 Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Fri 9-10-2009, 2000 UTC Remarks: A 13312 45311 02232 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Sun 11-10-2009, 2000 UTC Remarks: 73261 35212 75322 Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Sun 11-10-2009, 7887 UTC Remarks: A 73261 35212 75322 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Mon 12-10-2009, 2000 UTC Remarks: A 53302 41442 85602 (YL/SS) (Ringing present, but faint.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Tue 13-10-2009, 2000 UTC Remarks: A 57251 38532 01762 (YL/SS) (Ringing sound heard on this transmitter.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Wed 14-10-2009, 2000 UTC Remarks: A 44352 25172 17881 (Ringing sound heard on this transmitter.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Thu 15-10-2009, 2000 UTC Remarks: A 04101 76852 33381 (Ringing sound heard on this transmitter.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Fri 16-10-2009, 2000 UTC Remarks: A 04222 11602 68121 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Sat 17-10-2009, 2000 UTC Remarks: A 27782 30431 72721 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Sun 18-10-2009, 2000 UTC Remarks: A 08702 02651 60181 (YL/SS) (Ringing sound heard on this transmission.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Tue 20-10-2009, 2000 UTC Remarks: A 05481 04662 32241 (YL/SS) (Ringing sound heard on this transmitter.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Wed 21-10-2009, 2000 UTC Remarks: A 20652 63552 12132 (YL/SS) (Ringing sound heard on this transmitter.) Contr: (MS)

7887.0	V02a	Mode: AM Date/time: Thu 22-10-2009, 2000 UTC Remarks: A 40632 86762 01121 (YL/SS) (Ringing heard on this transmitter.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Sat 24-10-2009, 2000 UTC Remarks: A 17471 15262 00841 (YL/SS) (Ringing sound heard on this transmitter.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Sun 25-10-2009, 2000 UTC Remarks: SSYL atencion: 84871 18082 444.. very weak Contr: (westli)
7887.0	V02a	Mode: AM Date/time: Sun 25-10-2009, 2000 UTC Remarks: A 84871 18082 44482 (YL/SS) (Ringing sound heard on this transmitter.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Mon 26-10-2009, 2000 UTC Remarks: (Carrier present-no transmission by 2010z.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Wed 28-10-2009, 2000 UTC Remarks: A 17322 00812 73652 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Thu 29-10-2009, 2000 UTC Remarks: A 45111 27482 35381 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Fri 30-10-2009, 2000 UTC Remarks: A 55681 40042 81081 (YL/SS) Contr: (MS)
7890.0	SK01	Mode: AM Date/time: Tue 6-10-2009, 1030 UTC Remarks: (RDFT) (Contr: (MS)
7890.0	SK01	Mode: AM Date/time: Thu 8-10-2009, 1030 UTC Remarks: RDFT no decode weak and qrn Contr: (BS3)
7890.0	SK01	Mode: AM Date/time: Thu 8-10-2009, 1030 UTC Remarks: (RDFT) Contr: (MS)
7890.0	SK01	Mode: AM Date/time: Thu 15-10-2009, 1030 UTC Remarks: RDFT File 44312732.txt 1024 bytes Contr: (BS3)
7890.0	SK01	Mode: AM Date/time: Thu 15-10-2009, 1030 UTC Remarks: (RDFT) Contr: (MS)
7890.0	SK01	Mode: AM Date/time: Tue 20-10-2009, 1030 UTC Remarks: (RDFT) (Ringing sound heard on this transmitter.) Contr: (MS)
7890.0	SK01	Mode: AM Date/time: Tue 20-10-2009, 1030 UTC Remarks: RDFT no decode Contr: (BS3)
7890.0	SK01	Mode: AM Date/time: Thu 22-10-2009, 1030 UTC Remarks: (RDFT) (Ringing heard on this transmitter.) Contr: (MS)
7890.0	SK01	Mode: AM Date/time: Tue 27-10-2009, 1030 UTC Remarks: (RDFT) Contr: (MS)
7918	E10	Mode: AM Date/time: 26-10-2009, 1400 UTC Remarks: YHF2 Contr: (FN)
7918	E10	Mode: AM Date/time: 28-10-2009, 1300 UTC Remarks: YHF gc 77 EKTYU Contr: (FN)
7918	E10	Mode: AM Date/time: 28-10-2009, 1400 UTC Remarks: YHF2 Contr: (FN)

7967	M42	Mode: RTTY-ITA2/200/500 Date/time: 1-10-2009, 2302 UTC Remarks: Russian Gov/Intel. "... =89422 285594601628582 =87323 70988074915365 =86624 37260181902907165)57625 00000+++++++136", s/off. Contr: (ALF)
8009.0	M08a	Mode: AM Date/time: Mon 5-10-2009, 2300 UTC Remarks: 06832 48052 47501 Contr: (MS)
8009.0	M08a	Mode: CW Date/time: Mon 5-10-2009, 2300 UTC Remarks: 06832 48052 47501 Contr: (BS3)
8009.0	M08a	Mode: CW Date/time: Wed 7-10-2009, 2300 UTC Remarks: 42552 51271 32672 Contr: (MS)
8009.0	M08a	Mode: CW Date/time: Wed 7-10-2009, 2300 UTC Remarks: 42552 51271 32672 Contr: (BS3)
8009.0	M08a	Mode: CW Date/time: Thu 8-10-2009, 2200 UTC Remarks: TFC very weak Contr: (BS3)
8009.0	M08a	Mode: CW Date/time: Wed 21-10-2009, 2300 UTC Remarks: 01021 (Too weak for copy.) Contr: (MS)
8009.0	M08a	Mode: CW Date/time: Mon 26-10-2009, 2300 UTC Remarks: 32111 58762 05061 Contr: (MS)
8009.0	M08a	Mode: CW Date/time: Wed 28-10-2009, 2300 UTC Remarks: 35152 76852 32161 Contr: (MS)
8009.0	M08a	Mode: CW Date/time: Thu 29-10-2009, 2200 UTC Remarks: 5f cut nums: 53672 73271 04731 very weak. Contr: (westli)
8009.0	M08a	Mode: CW Date/time: Thu 29-10-2009, 2200 UTC Remarks: 53672 73271 04731 Contr: (MS)
8047	M12	Mode: CW Date/time: Wed 7-10-2009, 1700 UTC Remarks: 463 1 Contr: (HFD)
8047	M12	Mode: CW Date/time: Tue 27-10-2009, 1700 UTC Remarks: 463 1 Contr: (HFD)
8062	XPA	Mode: AM Date/time: Thu 1-10-2009, 1920 UTC Remarks: msg Contr: (HFD)
8086.0	SK01	Mode: AM Date/time: Thu 1-10-2009, 1000 UTC Remarks: (RDFT) Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Fri 2-10-2009, 1300 UTC Remarks: 83271 06321 15131 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Mon 5-10-2009, 1300 UTC Remarks: 72511 1.401 2775. (Very weak signal, not sure of order for calls. Targ Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Wed 7-10-2009, 1300 UTC Remarks: 12451 65532 56581 Contr: (BS3)
8096.0	M08a	Mode: CW Date/time: Wed 7-10-2009, 1300 UTC Remarks: 42451 65532 56581 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Wed 7-10-2009, 1400 UTC Remarks: 11602 31082 70541 Contr: (BS3)
8096.0	M08a	Mode: CW Date/time: Fri 9-10-2009, 1300 UTC Remarks: 46212 45581 60202 Contr: (BS3)

8096.0	M08a	Mode: CW Date/time: Fri 9-10-2009, 1300 UTC Remarks: 46212 45581 60202 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Fri 9-10-2009, 1400 UTC Remarks: 46212 45581 60202 Contr: (BS3)
8096.0	M08a	Mode: CW Date/time: Mon 12-10-2009, 0900 UTC Remarks: 88251 35111 34472 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Mon 12-10-2009, 1000 UTC Remarks: 88251 35111 34472 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Mon 12-10-2009, 1300 UTC Remarks: 88251 35111 34472 Contr: (BS3)
8096.0	M08a	Mode: CW Date/time: Mon 12-10-2009, 1400 UTC Remarks: 88251 35111 34472 Contr: (BS3)
8096.0	M08a	Mode: CW Date/time: Wed 14-10-2009, 1300 UTC Remarks: 42451 48431 51441 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Wed 14-10-2009, 1400 UTC Remarks: 42451 48431 51441 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Fri 16-10-2009, 1300 UTC Remarks: (Too weak for copy.) Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Mon 19-10-2009, 1300 UTC Remarks: 63702 82642 73152 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Mon 19-10-2009, 1400 UTC Remarks: 63702 82642 73152 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Mon 26-10-2009, 1300 UTC Remarks: 54412 53781 07542 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Wed 28-10-2009, 1300 UTC Remarks: 23472 73241 73772 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Wed 28-10-2009, 1400 UTC Remarks: 75052 45782 (Station up early and in progress. Note change of ca Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Fri 30-10-2009, 1300 UTC Remarks: 41882 31012 20552 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Fri 30-10-2009, 1400 UTC Remarks: 41882 31012 20552 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Thu 1-10-2009, 1800 UTC Remarks: (Carrier present, but no xmsn) Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Thu 1-10-2009, 1900 UTC Remarks: 20021 73381 24821 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Fri 2-10-2009, 1800 UTC Remarks: (Carrier present, but no xmsn) Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Fri 2-10-2009, 1900 UTC Remarks: (Carrier present, but no xmsn) Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Sat 3-10-2009, 1800 UTC Remarks: (Carrier present, sked began late and I missed any callups.) Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Sat 3-10-2009, 1900 UTC Remarks: 02021 20061 54512 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Sun 4-10-2009, 1800 UTC Remarks: 65611 08172 63552 Contr: (BS3)

8097.0	M08a	Mode: MCW Date/time: Sun 4-10-2009, 1918 UTC Remarks: TFC up late Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Mon 5-10-2009, 1800 UTC Remarks: 48452 30362 18102 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Mon 5-10-2009, 1800 UTC Remarks: 48452 30362 18102 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Mon 5-10-2009, 1900 UTC Remarks: 48452 30362 18102 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Mon 5-10-2009, 1900 UTC Remarks: 48452 30362 18102 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Tue 6-10-2009, 1800 UTC Remarks: 42502 33681 71212 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Tue 6-10-2009, 1900 UTC Remarks: 42502 33681 71212 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Wed 7-10-2009, 1800 UTC Remarks: Carrier on freq no msg Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Wed 7-10-2009, 1900 UTC Remarks: Carrier on freq no msg Contr: (BS3)
8097.0	M08a	Mode: CW Date/time: Thu 8-10-2009, 1300 UTC Remarks: 5f cut nums: 63472 73241 73772 weak. Contr: (westli)
8097.0	M08a	Mode: MCW Date/time: Thu 8-10-2009, 1800 UTC Remarks: 64581 60642 53572 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Thu 8-10-2009, 1800 UTC Remarks: 64581 60642 53572 (Late start for this target.) Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Thu 8-10-2009, 1900 UTC Remarks: 64581 60642 53572 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Thu 8-10-2009, 1900 UTC Remarks: 64581 60642 53572 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Fri 9-10-2009, 1800 UTC Remarks: TFC up late Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Fri 9-10-2009, 1800 UTC Remarks: (Carrier up, but no xmsn when dropped at 1806z.) Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Fri 9-10-2009, 1900 UTC Remarks: 15862 37102 21031 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Fri 9-10-2009, 1900 UTC Remarks: 15862 37102 21031 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Sun 11-10-2009, 1800 UTC Remarks: 53852 78432 44021 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Sun 11-10-2009, 1900 UTC Remarks: 53852 78432 44021 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Sun 11-10-2009, 1900 UTC Remarks: 53852 78432 44021 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Mon 12-10-2009, 1800 UTC Remarks: 50202 40222 27512 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Mon 12-10-2009, 1900 UTC

		Remarks: 50202 40222 27512 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Tue 13-10-2009, 1800 UTC Remarks: , , , , , 45771 (Ringing sound heard on this transmitter. Sked began Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Wed 14-10-2009, 1800 UTC Remarks: 52541 77231 87322 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Thu 15-10-2009, 1800 UTC Remarks: 23271 32441 62271 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Fri 16-10-2009, 1800 UTC Remarks: 65532 81431 28482 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Fri 16-10-2009, 1900 UTC Remarks: 65532 81431 28482 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Sat 17-10-2009, 1800 UTC Remarks: 02162 27061 82452 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Sat 17-10-2009, 1900 UTC Remarks: 02162 27061 82452 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Sun 18-10-2009, 1800 UTC Remarks: 85861 35081 15031 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Sun 18-10-2009, 1900 UTC Remarks: 85861 35081 15031 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Mon 19-10-2009, 1800 UTC Remarks: (Carrier present on time, but no xmsn by 1820z.) Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Mon 19-10-2009, 1900 UTC Remarks: (Carrier present on time, but no xmsn by 1920z.) Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Tue 20-10-2009, 1800 UTC Remarks: 74842 14182 36231 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Tue 20-10-2009, 1900 UTC Remarks: 74842 14182 36231 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Wed 21-10-2009, 1800 UTC Remarks: 66161 47462 83341 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Wed 21-10-2009, 1900 UTC Remarks: 66161 47462 83341 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Thu 22-10-2009, 1800 UTC Remarks: 50511 14142 05061 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Thu 22-10-2009, 1900 UTC Remarks: 50511 14142 05061 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Sun 25-10-2009, 1800 UTC Remarks: 27472 62631 88781 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Sun 25-10-2009, 1900 UTC Remarks: 27472 62631 88781 Contr: (MS)
8097.0	M08a	Mode: CW Date/time: Mon 26-10-2009, 1300 UTC Remarks: 5f cut nums: 64412 caught late preparing first msg. Contr: (westli)
8097.0	M08a	Mode: MCW Date/time: Mon 26-10-2009, 1800 UTC Remarks: 14851 18822 32532 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Mon 26-10-2009, 1900 UTC

		Remarks: 14851 18822 32532 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Tue 27-10-2009, 1800 UTC
		Remarks: 70821 02342 81642 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Tue 27-10-2009, 1900 UTC
		Remarks: 70821 02342 81642 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Wed 28-10-2009, 1800 UTC
		Remarks: 74132 40462 46861 Contr: (MS)
8097.0	M08a	Mode: CW Date/time: Thu 29-10-2009, 1800 UTC
		Remarks: 5f cut nums: 54182 03552 weak and noisy
		Contr: (westli)
8097.0	M08a	Mode: MCW Date/time: Thu 29-10-2009, 1800 UTC
		Remarks: 07552 54182 03852 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Thu 29-10-2009, 1900 UTC
		Remarks: 07552 54182 03852 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Fri 30-10-2009, 1800 UTC
		Remarks: 03571 35431 00621 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Fri 30-10-2009, 1900 UTC
		Remarks: 03571 35431 00621 Contr: (MS)
8105	S06	Mode: AM Date/time: Wed 21-10-2009, 1240 UTC
		Remarks: 967 Contr: (HFD)
8123	E07	Mode: AM Date/time: Wed 7-10-2009, 1740 UTC
		Remarks: 441 1 weak Contr: (HFD)
8123	E07	Mode: AM Date/time: Sun 18-10-2009, 1740 UTC
		Remarks: 441 1 weak Contr: (HFD)
8130	M42	Mode: CROWD36 Date/time: 27-10-2009, 1005 UTC
		Remarks: Russian Gov/Intel. Contr: (XSH)
8135.0	M08a	Mode: CW Date/time: Fri 2-10-2009, 2300 UTC
		Remarks: 5f cut nums: 44082 03582 25581 Contr:
		(westli)
8135.0	M08a	Mode: CW Date/time: Fri 2-10-2009, 2300 UTC
		Remarks: 25581 44082 03582 Contr: (MS)
8135.0	M08a	Mode: CW Date/time: Tue 6-10-2009, 2300 UTC
		Remarks: 75751 22871 84802 Contr: (BS3)
8135.0	M08a	Mode: CW Date/time: Tue 6-10-2009, 2300 UTC
		Remarks: 5f cut nums: 75751 22871 84802 Contr:
		(westli)
8135.0	M08a	Mode: CW Date/time: Tue 6-10-2009, 2300 UTC
		Remarks: 75751 22871 84802 Contr: (MS)
8135.0	M08a	Mode: CW Date/time: Fri 9-10-2009, 2300 UTC
		Remarks: 65722 71781 42382 (Not sure if the order of
		the callups is correct.) Contr: (MS)
8135.0	M08a	Mode: CW Date/time: Tue 13-10-2009, 2300 UTC
		Remarks: 23401 68671 27172 Contr: (MS)
8135.0	M08a	Mode: CW Date/time: Tue 13-10-2009, 2300 UTC
		Remarks: 5f cut nums: 68671 27172 23401 Contr:
		(westli)
8135.0	M08a	Mode: CW Date/time: Thu 15-10-2009, 2300 UTC
		Remarks: 5f cut nums: 36662 78351 13641 Contr:

(westli)

8135.0	M08a	Mode: CW Date/time: Fri 16-10-2009, 2300 UTC Remarks: 5f cut nums: 83181 57401 53341 weak and fast with QRM Contr: (westli)
8135.0	M08a	Mode: CW Date/time: Fri 16-10-2009, 2300 UTC Remarks: 13341 83181 57401 Contr: (MS)
8135.0	M08a	Mode: CW Date/time: Tue 27-10-2009, 2300 UTC Remarks: 70271 73322 22362 Contr: (MS)
8135.0	M08a	Mode: CW Date/time: Thu 29-10-2009, 2300 UTC Remarks: 5f cut nums: 07711 70712 34702 weak and fast. IDs questionable. Contr: (westli)
8135.0	M08a	Mode: CW Date/time: Thu 29-10-2009, 2300 UTC Remarks: 70712 34702 07711 Contr: (MS)
8165	S06	Mode: AM Date/time: Mon 12-10-2009, 2015 UTC Remarks: 397 0 Contr: (HFD)
8180.0	SK01	Mode: AM Date/time: Tue 6-10-2009, 0800 UTC Remarks: RDFT File 49413787.txt 1229 bytes Contr: (BS3)
8180.0	SK01	Mode: AM Date/time: Tue 6-10-2009, 0900 UTC Remarks: RDFT File 49413787.txt 1229 bytes Contr: (BS3)
8180.0	SK01	Mode: AM Date/time: Thu 8-10-2009, 0800 UTC Remarks: RDFT File 49413787.txt 1229 bytes Contr: (BS3)
8180.0	SK01	Mode: AM Date/time: Thu 8-10-2009, 0900 UTC Remarks: RDFT File 49413787.txt 1229 bytes Contr: (BS3)
8180.0	SK01	Mode: AM Date/time: Thu 15-10-2009, 0800 UTC Remarks: RDFT File 49413787.txt 1229 bytes Contr: (BS3)
8180.0	SK01	Mode: AM Date/time: Thu 15-10-2009, 0900 UTC Remarks: RDFT File 49413787.txt 1229 bytes Contr: (BS3)
8180.0	SK01	Mode: AM Date/time: Thu 15-10-2009, 0900 UTC Remarks: (RDFT) (Ringing sound heard on this transmitter.) Contr: (MS)
8180.0	SK01	Mode: AM Date/time: Tue 20-10-2009, 0800 UTC Remarks: (RDFT) (Ringing sound heard on this transmitter.) Contr: (MS)
8180.0	SK01	Mode: AM Date/time: Tue 20-10-2009, 0900 UTC Remarks: (RDFT) (Ringing sound heard on this transmitter.) Contr: (MS)
8186.0	SK01	Mode: AM Date/time: Thu 1-10-2009, 1000 UTC Remarks: RDFT no decode Contr: (BS3)
8186.0	SK01	Mode: AM Date/time: Mon 5-10-2009, 0800 UTC Remarks: (RDFT) Contr: (MS)
8186.0	SK01	Mode: AM Date/time: Mon 5-10-2009, 0800 UTC Remarks: RDFT File 83586258.txt 1024 bytes Contr:

		(BS3)
8186.0	SK01	Mode: AM Date/time: Tue 6-10-2009, 1000 UTC Remarks: (RDFT) Contr: (MS)
8186.0	SK01	Mode: AM Date/time: Wed 7-10-2009, 0800 UTC Remarks: RDFT File 50239588.txt 162 bytes Contr: (BS3)
8186.0	SK01	Mode: AM Date/time: Thu 8-10-2009, 1000 UTC Remarks: (RDFT) Contr: (MS)
8186.0	SK01	Mode: AM Date/time: Thu 8-10-2009, 1000 UTC Remarks: RDFT no decode weak and qrn Contr: (BS3)
8186.0	SK01	Mode: AM Date/time: Mon 12-10-2009, 0800 UTC Remarks: RDFT File 50239588.txt 162 bytes Contr: (BS3)
8186.0	SK01	Mode: AM Date/time: Wed 14-10-2009, 0800 UTC Remarks: (RDFT) (Ringing sound heard on this transmitter.) Contr: (MS)
8186.0	SK01	Mode: AM Date/time: Thu 15-10-2009, 1000 UTC Remarks: (RDFT) (Ringing sound heard on this transmitter.) Contr: (MS)
8186.0	SK01	Mode: AM Date/time: Thu 15-10-2009, 1000 UTC Remarks: RDFT File 44312732.txt 1024 bytes Contr: (BS3)
8186.0	SK01	Mode: AM Date/time: Tue 20-10-2009, 1000 UTC Remarks: (RDFT) (Ringing sound heard on this transmitter.) Contr: (MS)
8186.0	SK01	Mode: AM Date/time: Thu 22-10-2009, 1000 UTC Remarks: (RDFT) (Ringing heard on this transmitter.) Contr: (MS)
8186.0	SK01	Mode: AM Date/time: Tue 27-10-2009, 1000 UTC Remarks: (RDFT) Contr: (MS)
8621	V26	Mode: LSB Date/time: 5-10-2009, 2306 UTC Remarks: Chinese YL w/ numbers traffic Contr: (linkz)
8621	V26	Mode: LSB Date/time: 6-10-2009, 1158 UTC Remarks: YL/CC/3f in groups of 10 Contr: (Token)
8621.0	V26	Mode: LSB Date/time: Tue 6-10-2009, 1158 UTC Remarks: Tuned in progress, YL, CC, 3f, 10 grps and pause Contr: (Token)
8621.0	V26	Mode: LSB Date/time: Thu 8-10-2009, 1148 UTC Remarks: Tuned in progress, YL, CC, 3f, 10 grps and pause Contr: (Token)
8621.0	V26	Mode: LSB Date/time: Fri 9-10-2009, 1156 UTC Remarks: YL, CC, 3f, 10 groups of 3f and pause before start of next 10 groups Contr: (Token)
8621.0	V26	Mode: LSB Date/time: Sun 11-10-2009, 1143 UTC Remarks: tuned to in progress Contr: (Token)
8695	S06	Mode: AM Date/time: Fri 30-10-2009, 0710 UTC Remarks: 196 0 Contr: (HFD)
8704	XSL	Mode: PSK Date/time: 2-10-2009, 1839 UTC

		Remarks: Japanese Navy telemetry "slot machine"
		Contr: (BvR)
8805	E10	Mode: AM Date/time: 16-10-2009, 1520 UTC
		Remarks: PCD2 Contr: (BCI)
8805	E10	Mode: AM Date/time: 28-10-2009, 1300 UTC
		Remarks: PCD1 call ends after 2 min Contr: (FN)
8993	M51	Mode: CW Date/time: 23-10-2009, 1736 UTC
		Remarks: NR 09 W 20 20:15:22 1987 UGTAS FJDOT
		OVMTL Contr: (BCI)
9040.0	V02a	Mode: AM Date/time: Wed 7-10-2009, 0900 UTC
		Remarks: 84581 83122 10102 Contr: (BS3)
9040.0	V02a	Mode: AM Date/time: Wed 14-10-2009, 0900 UTC
		Remarks: SSYL atencion: 06882 51361 11412 Contr:
		(westli)
9040.0	V02a	Mode: AM Date/time: Wed 21-10-2009, 0900 UTC
		Remarks: SSYL atencion: 63202 55781 21371 Contr:
		(westli)
9052	M42	Mode: Baudot 50/500 Date/time: 8-10-2008, 1943 UTC
		Remarks: Russian Gov/Intel. Traffics in 5FGs. Each fifty
		marked =50=, =100=. Ends with time "1943". Further sigs
		in cw and "qrx "qrx 8594 Contr: (DW)
9063.0	M08a	Mode: MCW Date/time: Wed 7-10-2009, 0800 UTC
		Remarks: 81582 53332 06421 Contr: (BS3)
9063.0	M08a	Mode: MCW Date/time: Wed 7-10-2009, 0800 UTC
		Remarks: 5f cut nums: 81582 53332 06421 Contr:
		(westli)
9063.0	M08a	Mode: MCW Date/time: Wed 14-10-2009, 0800 UTC
		Remarks: 61741 30472 76862 Contr: (MS)
9063.0	M08a	Mode: MCW Date/time: Wed 14-10-2009, 0800 UTC
		Remarks: 5f cut nums: 61741 30472 76862 Contr:
		(westli)
9063.0	M08a	Mode: MCW Date/time: Fri 16-10-2009, 0800 UTC
		Remarks: 5f cut nums: 68211 04112 64682 Contr:
		(westli)
9063.0	M08a	Mode: MCW Date/time: Wed 21-10-2009, 0800 UTC
		Remarks: 5f cut nums: 44132 43411 63101 Contr:
		(westli)
9063.0	M08a	Mode: MCW Date/time: Fri 23-10-2009, 0800 UTC
		Remarks: 5f cut nums: up late already in progress. very
		strong sig. Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Fri 23-10-2009, 0800 UTC
		Remarks: 31701 72271 (Came up late and in
		progress.) Contr: (MS)
9063.0	M08a	Mode: MCW Date/time: Wed 28-10-2009, 0800 UTC
		Remarks: 5f cut nums: 25251 36602 36872 Contr:
		(westli)
9063.0	M08a	Mode: MCW Date/time: Sat 31-10-2009, 0800 UTC
		Remarks: 5f cut nums: 30021 10722 64571 strong sig

		with especially strong hum, Contr: (westli)
9063.0	SK01	Mode: AM Date/time: Mon 5-10-2009, 0900 UTC Remarks: RDFT File 83586258.txt 1024 bytes Contr: (BS3)
9063.0	SK01	Mode: AM Date/time: Mon 5-10-2009, 0900 UTC Remarks: (RDFT) Contr: (MS)
9063.0	SK01	Mode: AM Date/time: Wed 7-10-2009, 0900 UTC Remarks: RDFT no decode weak and qrn Contr: (BS3)
9063.0	SK01	Mode: AM Date/time: Sat 10-10-2009, 0900 UTC Remarks: RDFT weak Contr: (BS3)
9063.0	SK01	Mode: AM Date/time: Mon 12-10-2009, 0900 UTC Remarks: RDFT weak Contr: (BS3)
9063.0	V02a	Mode: AM Date/time: Wed 14-10-2009, 0900 UTC Remarks: SSSL atencion: 06882 51361 11412 Called for less than a minute and st Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Sun 4-10-2009, 1000 UTC Remarks: 01752 65162 30541 Contr: (BS3)
9112.0	M08a	Mode: MCW Date/time: Mon 5-10-2009, 1000 UTC Remarks: 87681 61341 51541 Contr: (MS)
9112.0	M08a	Mode: MCW Date/time: Mon 5-10-2009, 1000 UTC Remarks: 5f cut nums: 61341 51541 87681 Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Sun 11-10-2009, 1000 UTC Remarks: 02782 68241 33621 Contr: (BS3)
9112.0	M08a	Mode: MCW Date/time: Sun 11-10-2009, 1000 UTC Remarks: 5f cut nums: 02782 68241 33621 Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Mon 12-10-2009, 1000 UTC Remarks: 5f cut nums: 01642 25171 46541 Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Fri 16-10-2009, 1000 UTC Remarks: 5f cut nums: 26061 02951 43672 Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Sun 18-10-2009, 1000 UTC Remarks: 5f cut nums: 20721 63812 21031 very weak Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Mon 19-10-2009, 1000 UTC Remarks: 5f cut nums: 00362 63732 68882 Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Mon 19-10-2009, 1000 UTC Remarks: 00362 63732 68882 Contr: (MS)
9112.0	M08a	Mode: MCW Date/time: Fri 23-10-2009, 1000 UTC Remarks: 75552 35981 34282 Contr: (MS)
9112.0	M08a	Mode: MCW Date/time: Fri 23-10-2009, 1000 UTC Remarks: 5f cut nums: 75552 35981 34282 very strong sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Sun 25-10-2009, 1000 UTC Remarks: 5f cut nums: 36761 31151 16432 Contr:

(westli)

9112.0	M08a	Mode: MCW Date/time: Mon 26-10-2009, 1000 UTC Remarks: 5f cut nums: 30321 42272 55721 strong signal. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Fri 30-10-2009, 1000 UTC Remarks: 78031 64001 33611 Contr: (MS)
9112.0	M08a	Mode: MCW Date/time: Sat 31-10-2009, 1000 UTC Remarks: 5f cut nums: 78031 64001 33611 weak and noisy. Contr: (westli)
9130	E10	Mode: AM Date/time: 27-10-2009, 0930 UTC Remarks: EZI gc 28 GPYKH Contr: (FN)
9130	E10	Mode: AM Date/time: 27-10-2009, 1630 UTC Remarks: EZI gc 93 EZLSP Contr: (FN)
9145	S06	Mode: AM Date/time: Mon 12-10-2009, 1200 UTC Remarks: 831-260/5=39557 Contr: (HFD)
9148	M42	Mode: Baudot 50/500 Date/time: 24-2-2006, 1130 UTC Remarks: Russian Gov/Intel. In Morse OK. SLD K. Then 35x5FG msg in RTTY: 422 35 24 1130 3711 = 75642 098606 ... 53386 74903 = -1133 K. CF Contr: (RGA)
9153.0	M08a	Mode: MCW Date/time: Wed 7-10-2009, 0700 UTC Remarks: 81582 53332 06421 Contr: (BS3)
9153.0	M08a	Mode: MCW Date/time: Wed 14-10-2009, 0700 UTC Remarks: 5f cut nums: 61741 up late, preparing 1st msg. Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Wed 14-10-2009, 0700 UTC Remarks: 61741 30472 76862 (Ringing sound heard on this transmitter.) Contr: (MS)
9153.0	M08a	Mode: MCW Date/time: Wed 21-10-2009, 0700 UTC Remarks: 5f cut nums: 44132 43411 63101 Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Fri 23-10-2009, 0710 UTC Remarks: 31701 72271 (Come4s up in progress at 0710z.) (Ringing sound hear Contr: (MS)
9153.0	M08a	Mode: MCW Date/time: Fri 30-10-2009, 0700 UTC Remarks: 5f cut nums: 30021 10722 64571 strong sig with especially strong hum. Contr: (westli)
9153.0	V02a	Mode: AM Date/time: Fri 23-10-2009, 0700 UTC Remarks: A 41271 (Up late. Goes down at 0710z and expected M81 begi Contr: (MS)
9202	E10	Mode: AM Date/time: 28-10-2009, 1330 UTC Remarks: YHF2 //10648 Contr: (FN)
9220	S06	Mode: AM Date/time: 21-10-2009, 1900 UTC Remarks: 840 Contr: (BCI)
9225	S06	Mode: AM Date/time: Thu 29-10-2009, 1000 UTC Remarks: 895 0 Contr: (HFD)
9240.0	V02a	Mode: AM Date/time: Wed 7-10-2009, 1000 UTC Remarks: TFC weak and qrn Contr: (BS3)
9240.0	V02a	Mode: AM Date/time: Sat 10-10-2009, 1000 UTC

		Remarks: 52861 60102 30662 Contr: (BS3)
9240.0	V02a	Mode: AM Date/time: Wed 14-10-2009, 1000 UTC Remarks: A 06882 5..61 11412 (YL/SS.) (Very weak signal.) Contr: (MS)
9240.0	V02a	Mode: AM Date/time: Wed 14-10-2009, 1000 UTC Remarks: SSYL atencion: 06882 51361 11412 Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Sat 17-10-2009, 1000 UTC Remarks: SSYL atencion: 38572 17851 13451 Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Wed 21-10-2009, 1000 UTC Remarks: SSYL atencion: 63202 55781 21371 Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Sat 24-10-2009, 1000 UTC Remarks: SSYL atencion: 57751 32001 58152 readability: ugly Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Wed 28-10-2009, 1000 UTC Remarks: SSYL: caught late, already in progress. Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Sat 31-10-2009, 1000 UTC Remarks: SSYL atencion: 75181 61781 21361 Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Sat 31-10-2009, 1000 UTC Remarks: A 75181 61781 21361 (YL/SS) Contr: (MS)
9327	M12	Mode: CW Date/time: Thu 1-10-2009, 1840 UTC Remarks: 938 1 Contr: (HFD)
9327	M12	Mode: CW Date/time: Thu 22-10-2009, 1840 UTC Remarks: 938 1 Contr: (HFD)
9356	XPA	Mode: AM Date/time: Tue 6-10-2009, 0600 UTC Remarks: msg Contr: (HFD)
9362	XPA	Mode: AM Date/time: Thu 1-10-2009, 1900 UTC Remarks: msg Contr: (HFD)
9423	E07	Mode: AM Date/time: Wed 7-10-2009, 1720 UTC Remarks: 441 1 weak Contr: (HFD)
9423	E07	Mode: AM Date/time: Sun 18-10-2009, 1720 UTC Remarks: 441 1 QRM Contr: (HFD)
9453.0	M08a	Mode: MCW Date/time: Wed 28-10-2009, 0700 UTC Remarks: 5f cut nums: 25251 36602 36872 Contr: (westli)
9964	M42	Mode: Baudot 50/500 Date/time: 11-10-2009, 1430 UTC Remarks: Russian Gov. Header "974 181 11 1350 2863 =" then 50x5FG tfc. Ends with "=50=" Contr: (linkz)
10125.0	M08a	Mode: CW Date/time: Sat 10-10-2009, 0300 UTC Remarks: TFC very weak Contr: (BS3)
10160.1	M42	Mode: CROWD36 Date/time: 9-10-2009, 2055 UTC Remarks: Russian Gov/Intel. Traffic Contr: (Linkz)
10182	V13	Mode: USB Date/time: 27-9-2009, 0825 UTC Remarks: In progress Contr: (AnEur)

10182.1	M42	Mode: CROWD36 Date/time: 9-10-2009, 2116 UTC Remarks: Russian Gov/Intel. Traffic Contr: (Linkz)
10196	M42	Mode: CROWD36 Date/time: 23-10-2009, 1002 UTC Remarks: Russian Gov. Contr: (XSH)
10212.1	M42	Mode: CROWD36 Date/time: 9-10-2009, 2106 UTC Remarks: Russian Gov/Intel. Traffic Contr: (Linkz)
10217.5	M42	Mode: CROWD36 Date/time: 21-10-2009, 1610 UTC Remarks: Russian Gov/Intel. "RNCTLHPOGMV DCWOX" Contr: (BCI)
10363	M42	Mode: Baudot 50/500 Date/time: 27-5-2008, 1139 UTC Remarks: Russian Gov/Intel. In cw "qtc1 zzc? " " sldk" followed by rtty msg with tfc in offline encrypt (5 figs). Blocks marked every 50 Contr: (DW)
10432.0	M08a	Mode: MCW Date/time: Sun 4-10-2009, 0900 UTC Remarks: 01752 65162 30541 Contr: (BS3)
10432.0	M08a	Mode: MCW Date/time: Sun 11-10-2009, 0900 UTC Remarks: Carrier up no TFC Contr: (BS3)
10432.0	M08a	Mode: MCW Date/time: Mon 12-10-2009, 0900 UTC Remarks: 5f cut nums: too weak to copy Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Fri 16-10-2009, 0900 UTC Remarks: 5f cut nums: 26061 02951 43672 Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Sun 18-10-2009, 0900 UTC Remarks: 5f cut nums: 20721 63812 21031 weak Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Fri 23-10-2009, 0900 UTC Remarks: 5f cut nums: 75552 35981 34282 very strong sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Fri 23-10-2009, 0900 UTC Remarks: 75552 35981 34282 Contr: (MS)
10432.0	M08a	Mode: MCW Date/time: Mon 26-10-2009, 0900 UTC Remarks: 5f cut nums: 30321 42272 55721 weak with deep fades Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Fri 30-10-2009, 0900 UTC Remarks: 78031 64001 33611 Contr: (MS)
10432.0	M08a	Mode: MCW Date/time: Sat 31-10-2009, 0900 UTC Remarks: 5f cut nums: 78031 64001 33611 weak and noisy. Contr: (westli)
10445.0	M08a	Mode: CW Date/time: Thu 1-10-2009, 0300 UTC Remarks: 85562 33772 23732 Contr: (MS)
10445.0	M08a	Mode: CW Date/time: Thu 29-10-2009, 0400 UTC Remarks: 5f cut nums: caught late already in progress. Contr: (westli)
10598	M12	Mode: CW Date/time: Thu 1-10-2009, 1820 UTC Remarks: 938 1 Contr: (HFD)
10598	M12	Mode: CW Date/time: Thu 22-10-2009, 1820 UTC Remarks: 938 1 Contr: (HFD)

10648	E10	Mode: AM Date/time: 28-10-2009, 1330 UTC Remarks: YHF2 //9202 Contr: (FN)
10714.0	M08a	Mode: CW Date/time: Wed 7-10-2009, 1300 UTC Remarks: (Too weak for copy.) Contr: (MS)
10714.0	M08a	Mode: CW Date/time: Wed 7-10-2009, 1300 UTC Remarks: 11602 31082 70541 Contr: (BS3)
10714.0	M08a	Mode: CW Date/time: Wed 14-10-2009, 1300 UTC Remarks: 06461 67381 75562 Contr: (MS)
10714.0	M08a	Mode: CW Date/time: Wed 28-10-2009, 1300 UTC Remarks: 31182 62112 22161 Contr: (MS)
10714.0	M08a	Mode: CW Date/time: Wed 28-10-2009, 1400 UTC Remarks: (Station up early and in progress. Also on wrong fre Contr: (MS)
10715.0	SK01	Mode: AM Date/time: Thu 1-10-2009, 1600 UTC Remarks: (RDFT) Contr: (MS)
10715.0	SK01	Mode: AM Date/time: Thu 1-10-2009, 1600 UTC Remarks: RDFT File 37867827.txt 1024 bytes Contr: (BS3)
10715.0	SK01	Mode: AM Date/time: Fri 2-10-2009, 1600 UTC Remarks: (RDFT) Contr: (MS)
10715.0	SK01	Mode: AM Date/time: Fri 2-10-2009, 1600 UTC Remarks: RDFT no decode Contr: (BS3)
10715.0	SK01	Mode: AM Date/time: Sat 3-10-2009, 1600 UTC Remarks: (Carrier present, but no xmsn heard.) Contr: (MS)
10715.0	SK01	Mode: AM Date/time: Sun 4-10-2009, 1600 UTC Remarks: Carrier on freq no msg Contr: (BS3)
10715.0	SK01	Mode: AM Date/time: Mon 5-10-2009, 1600 UTC Remarks: RDFT File 34462628.txt 1024 bytes Contr: (BS3)
10715.0	SK01	Mode: AM Date/time: Mon 5-10-2009, 1600 UTC Remarks: (RDFT) Contr: (MS)
10715.0	SK01	Mode: AM Date/time: Tue 6-10-2009, 1600 UTC Remarks: RDFT File 73686118.txt 1024 bytes Contr: (BS3)
10715.0	SK01	Mode: AM Date/time: Wed 7-10-2009, 1600 UTC Remarks: RDFT File 54163367.txt 1024 bytes Contr: (BS3)
10715.0	SK01	Mode: AM Date/time: Thu 8-10-2009, 1600 UTC Remarks: RDFT File 54163367.txt 1024 bytes Contr: (BS3)
10715.0	SK01	Mode: AM Date/time: Fri 9-10-2009, 1600 UTC Remarks: Carrier on freq no msg Contr: (BS3)
10715.0	SK01	Mode: AM Date/time: Sat 10-10-2009, 1600 UTC Remarks: RDFT File 17373116.txt 1024 bytes Contr: (BS3)
10715.0	SK01	Mode: AM Date/time: Sun 11-10-2009, 1600 UTC Remarks: (RDFT) Contr: (MS)

10715.0	SK01	Mode: AM Date/time: Sun 11-10-2009, 1600 UTC Remarks: RDFT File 17373116.txt 1024 bytes Contr: (BS3)
10715.0	SK01	Mode: AM Date/time: Mon 12-10-2009, 1600 UTC Remarks: (Carrier present, but xmsn not heard by 1612z.) Contr: (MS)
10715.0	SK01	Mode: AM Date/time: Mon 12-10-2009, 1600 UTC Remarks: RDFT carrier on freq heard no msg Contr: (BS3)
10715.0	SK01	Mode: AM Date/time: Tue 13-10-2009, 1600 UTC Remarks: (RDFT) Contr: (MS)
10715.0	SK01	Mode: AM Date/time: Wed 14-10-2009, 1600 UTC Remarks: RDFT File 83364426.txt 1024 bytes Contr: (BS3)
10715.0	SK01	Mode: AM Date/time: Wed 14-10-2009, 1600 UTC Remarks: (RDFT) Contr: (MS)
10715.0	SK01	Mode: AM Date/time: Thu 15-10-2009, 1600 UTC Remarks: (Carrier present, but to xmsn by 1615z.) Contr: (MS)
10715.0	SK01	Mode: AM Date/time: Fri 16-10-2009, 1600 UTC Remarks: (RDFT) Contr: (MS)
10715.0	SK01	Mode: AM Date/time: Fri 16-10-2009, 1600 UTC Remarks: RDFT no decode Contr: (BS3)
10715.0	SK01	Mode: AM Date/time: Sat 17-10-2009, 1600 UTC Remarks: (RDFT) Contr: (MS)
10715.0	SK01	Mode: AM Date/time: Sun 18-10-2009, 1600 UTC Remarks: (RDFT) Contr: (MS)
10715.0	SK01	Mode: AM Date/time: Mon 19-10-2009, 1600 UTC Remarks: RDFT File 82315114.txt 1024 bytes Contr: (BS3)
10715.0	SK01	Mode: AM Date/time: Tue 20-10-2009, 1600 UTC Remarks: (RDFT) (Ringing sound heard on this transmitter.) Contr: (MS)
10715.0	SK01	Mode: AM Date/time: Tue 20-10-2009, 1600 UTC Remarks: RDFT no decode starting and stopping Contr: (BS3)
10715.0	SK01	Mode: AM Date/time: Thu 22-10-2009, 1600 UTC Remarks: (RDFT) (Ringing heard on this transmitter.) Contr: (MS)
10715.0	SK01	Mode: AM Date/time: Mon 26-10-2009, 1600 UTC Remarks: (Carrier present-no transmission by 1620z. Ringing sound heard on this Contr: (MS)
10715.0	SK01	Mode: AM Date/time: Tue 27-10-2009, 1600 UTC Remarks: (RDFT) Contr: (MS)
10715.0	SK01	Mode: AM Date/time: Wed 28-10-2009, 1600 UTC Remarks: (Carrier present, but no xmsn by 1625z.) Contr: (MS)
10715.0	SK01	Mode: AM Date/time: Thu 29-10-2009, 1600 UTC

		Remarks: (RDFT) Contr: (MS)
10715.0	SK01	Mode: AM Date/time: Fri 30-10-2009, 1602 UTC Remarks: (RDFT) (No carrier until 1602z.) Contr: (MS)
10857.0	M08a	Mode: CW Date/time: Wed 7-10-2009, 1400 UTC Remarks: 5f cut nums: 56581 12451 65532 weak Contr: (westli)
10857.0	M08a	Mode: CW Date/time: Wed 7-10-2009, 1400 UTC Remarks: 12451 65532 56581 Contr: (BS3)
10857.0	M08a	Mode: CW Date/time: Wed 14-10-2009, 1400 UTC Remarks: 06461 67381 75562 Contr: (MS)
10857.0	M08a	Mode: CW Date/time: Wed 14-10-2009, 1400 UTC Remarks: 5f cut nums: 06461 67381 75562 Contr: (westli)
10857.0	M08a	Mode: CW Date/time: Wed 21-10-2009, 1400 UTC Remarks: 5f cut nums: 75642 32552 27811 Contr: (westli)
10857.0	M08a	Mode: CW Date/time: Wed 28-10-2009, 1402 UTC Remarks: 55762 (Already in progress. Note change of callups from pr Contr: (MS)
10871.7	MX	Mode: CW Date/time: 27-9-2009, 0736 UTC Remarks: Russian Navy propagation beacon "D" Contr: (TJ)
10871.9	MX	Mode: CW Date/time: 27-9-2009, 0736 UTC Remarks: Russian Navy propagation beacon Severomorsk "S" Contr: (TJ)
10956	XPA	Mode: AM Date/time: Tue 6-10-2009, 0620 UTC Remarks: msg Contr: (HFD)
11025	M42	Mode: Baudot 50/500 Date/time: 29-3-2009, 1408 UTC Remarks: Russian Gov/Intel. RYs end w/out id into CW (4graphs calls) OP-chat "ZZC? K", "SLD K", back into RTTY for 101 5FGs ("=50=", "=10 Contr: (ALF)
11415.5	M42	Mode: CROWD36 Date/time: 13-10-2009, 1548 UTC Remarks: Russian Gov/Intel. Traffic "ROCTLHPOGMV DCWOX" Contr: (BCI)
11430	V13	Mode: USB Date/time: 25-10-2009, 1300 UTC Remarks: New Star. Very weak Contr: (AB)
11430	V13	Mode: AM Date/time: 26-10-2009, 1200 UTC Remarks: Chinese lady reading four figure groups. Contr: (EW)
11435	M12	Mode: CW Date/time: Thu 1-10-2009, 1800 UTC Remarks: 938 1 Contr: (HFD)
11435	M12	Mode: CW Date/time: Thu 22-10-2009, 1800 UTC Remarks: 938 1 Contr: (HFD)
11435.0	M08a	Mode: AM Date/time: Sat 24-10-2009, 0600 UTC Remarks: In progress. Nothing heard on the other reported V2a - SK01 - M8a freq. Contr: (JMC)
11435.0	M08a	Mode: MCW Date/time: Mon 26-10-2009, 0600 UTC Remarks: 5f cut nums: dual sending with 5800. IDs

missed. Contr: (westli)

11435.0	SK01	Mode: AM Date/time: Thu 1-10-2009, 1700 UTC Remarks: (RDFT) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Thu 1-10-2009, 1700 UTC Remarks: RDFT File 37867827.txt 1024 bytes Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Fri 2-10-2009, 1700 UTC Remarks: (RDFT) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Fri 2-10-2009, 1700 UTC Remarks: RDFT no decode Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Sun 4-10-2009, 1700 UTC Remarks: RDFT File 34462628.txt 1024 bytes Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Mon 5-10-2009, 0600 UTC Remarks: RDFT no decode weak Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Mon 5-10-2009, 1700 UTC Remarks: (RDFT) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Mon 5-10-2009, 1700 UTC Remarks: RDFT File 34462628.txt 1024 bytes Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Tue 6-10-2009, 1700 UTC Remarks: 26733213.txt 1024 bytes Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Wed 7-10-2009, 0600 UTC Remarks: RDFT no decode weak Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Wed 7-10-2009, 1700 UTC Remarks: RDFT File 54163367.txt 1024 bytes Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Thu 8-10-2009, 1700 UTC Remarks: (RDFT) (Heavy QRM on this freq.) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Thu 8-10-2009, 1700 UTC Remarks: RDFT File 26733213.txt 1024 bytes Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Fri 9-10-2009, 1700 UTC Remarks: RDFT File 54163367.txt 1024 bytes Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Fri 9-10-2009, 1700 UTC Remarks: (RDFT) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Sat 10-10-2009, 0600 UTC Remarks: RDFT weak Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Sat 10-10-2009, 1700 UTC Remarks: RDFT weak Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Sun 11-10-2009, 1700 UTC Remarks: RDFT File 17373116.txt 1024 bytes Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Sun 11-10-2009, 1700 UTC Remarks: (RDFT) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Mon 12-10-2009, 0600 UTC Remarks: RDFT File 49413787.txt 1229 bytes Contr:

(BS3)

11435.0	SK01	Mode: AM Date/time: Mon 12-10-2009, 1700 UTC Remarks: (RDFT) (Ringing present, but faint.) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Mon 12-10-2009, 1700 UTC Remarks: RDFT File 42767271.txt 1024 bytes Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Tue 13-10-2009, 1700 UTC Remarks: (RDFT) (Ringing sound heard on this transmitter.) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Wed 14-10-2009, 0600 UTC Remarks: RDFT File 49413787.txt 1229 bytes Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Wed 14-10-2009, 1700 UTC Remarks: (Carrier present, but no xmsn heard by 1707z.) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Thu 15-10-2009, 1700 UTC Remarks: RDFT File 47818151.txt 1024 bytes Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Thu 15-10-2009, 1700 UTC Remarks: (RDFT) (Ringing sound heard on this transmitter.) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Fri 16-10-2009, 1700 UTC Remarks: RDFT File 82315114.txt 1024 bytes Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Fri 16-10-2009, 1700 UTC Remarks: (RDFT) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Sat 17-10-2009, 0600 UTC Remarks: RDFT no decode weak Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Sat 17-10-2009, 1700 UTC Remarks: (RDFT) (Ringing sound heard on this transmission.) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Sat 17-10-2009, 1700 UTC Remarks: RDFT File 61522433.txt 1024 bytes Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Sun 18-10-2009, 1700 UTC Remarks: (RDFT) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Mon 19-10-2009, 1700 UTC Remarks: RDFT no decode starting and stopping Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Tue 20-10-2009, 1700 UTC Remarks: RDFT File 18661551.txt 1024 bytes Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Tue 20-10-2009, 1700 UTC Remarks: (RDFT) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Thu 22-10-2009, 1700 UTC Remarks: (RDFT) (Ringing heard on this transmitter.) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Sun 25-10-2009, 1700 UTC

		Remarks: (RDFT) (Heavy QRN present, hard to hear signal.) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Tue 27-10-2009, 1700 UTC Remarks: (RDFT) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Wed 28-10-2009, 1700 UTC Remarks: (RDFT) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Thu 29-10-2009, 1700 UTC Remarks: (RDFT) Contr: (MS)
11435.0	SK01	Mode: AM Date/time: Fri 30-10-2009, 1700 UTC Remarks: (RDFT) Contr: (MS)
11438	M42	Mode: CROWD36 Date/time: 27-10-2009, 0810 UTC Remarks: Russian Gov/Intel. Contr: (XSH)
11438	M42	Mode: CROWD36 Date/time: 27-10-2009, 1656 UTC Remarks: Russian Gov/Intel. Contr: (XSH)
11438	M42	Mode: CROWD36 Date/time: 28-10-2009, 0810 UTC Remarks: Russian Gov/Intel. Contr: (XSH)
11454	E07	Mode: AM Date/time: Wed 7-10-2009, 1700 UTC Remarks: 441 1 good Contr: (HFD)
11454	E07	Mode: AM Date/time: Sun 18-10-2009, 1700 UTC Remarks: 441 1-668/107= 42024 good Contr: (HFD)
11460	S06	Mode: AM Date/time: Mon 12-10-2009, 1205 UTC Remarks: 831 Contr: (HFD)
11471	M42	Mode: CROWD36 Date/time: 27-10-2009, 1300 UTC Remarks: Russian Gov/Intel. Contr: (XSH)
11474	M42	Mode: CROWD36 Date/time: 28-10-2009, 0910 UTC Remarks: Russian Gov/Intel. Contr: (XSH)
11483	X06	Mode: AM Date/time: 28-10-2009, 0845 UTC Remarks: Mazielka Contr: (XSH)
11483	X06	Mode: AM Date/time: 30-10-2009, 0845 UTC Remarks: Mazielka. Sequence: 615243 Contr: (XSH)
11532.0	SK01	Mode: AM Date/time: Mon 5-10-2009, 0630 UTC Remarks: RDFT no decode weak Contr: (BS3)
11532.0	SK01	Mode: AM Date/time: Wed 7-10-2009, 0600 UTC Remarks: RDFT no decode weak Contr: (BS3)
11532.0	SK01	Mode: AM Date/time: Sat 10-10-2009, 0630 UTC Remarks: RDFT weak Contr: (BS3)
11532.0	SK01	Mode: AM Date/time: Mon 12-10-2009, 0630 UTC Remarks: RDFT weak Contr: (BS3)
11565.0	M08a	Mode: CW Date/time: Sat 10-10-2009, 0400 UTC Remarks: TFC very weak Contr: (BS3)
12116.0	M08a	Mode: CW Date/time: Thu 1-10-2009, 1300 UTC Remarks: 61621 66641 22112 Contr: (MS)
12116.0	M08a	Mode: CW Date/time: Mon 5-10-2009, 1300 UTC Remarks: 34432 51412 65761 (Very weak signal, not sure of order for calls. Targ Contr: (MS)
12116.0	M08a	Mode: CW Date/time: Thu 8-10-2009, 1300 UTC Remarks: 20771 45171 35601 Contr: (BS3)
12116.0	M08a	Mode: CW Date/time: Thu 8-10-2009, 1300 UTC

		Remarks: (Too weak for copy.) Contr: (MS)
12116.0	M08a	Mode: CW Date/time: Mon 12-10-2009, 0900 UTC Remarks: 66161 17621 (Missed the second call.) Contr: (MS)
12116.0	M08a	Mode: CW Date/time: Mon 12-10-2009, 1300 UTC Remarks: 66161 60082 17621 Contr: (BS3)
12116.0	M08a	Mode: CW Date/time: Thu 15-10-2009, 1300 UTC Remarks: (Too weak for copy.) Contr: (MS)
12116.0	M08a	Mode: CW Date/time: Mon 19-10-2009, 1300 UTC Remarks: 87821 45562 (Too weak for complete copy. Heavy fades.) Contr: (MS)
12116.0	M08a	Mode: CW Date/time: Thu 22-10-2009, 1306 UTC Remarks: 55831 45482 (Came up late and in progress at 1306z.) Contr: (MS)
12116.0	M08a	Mode: CW Date/time: Mon 26-10-2009, 1300 UTC Remarks: 31862 65702 15221 Contr: (MS)
12116.0	M08a	Mode: CW Date/time: Thu 29-10-2009, 1300 UTC Remarks: 88501 10161 10712 Contr: (MS)
12120.0	SK01	Mode: AM Date/time: Tue 6-10-2009, 0500 UTC Remarks: RDFT no decode weak Contr: (BS3)
12120.0	SK01	Mode: AM Date/time: Thu 15-10-2009, 0500 UTC Remarks: RDFT File 49413787.txt 1229 bytes Contr: (BS3)
12120.0	SK01	Mode: AM Date/time: Fri 16-10-2009, 0500 UTC Remarks: RDFT File 49413787.txt 1229 bytes Contr: (BS3)
12134.0	M08a	Mode: CW Date/time: Thu 8-10-2009, 1400 UTC Remarks: 5f cut nums: 20771 45171 35601 Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Thu 8-10-2009, 1400 UTC Remarks: 20771 45171 35601 Contr: (BS3)
12134.0	M08a	Mode: CW Date/time: Mon 12-10-2009, 1000 UTC Remarks: 66161 60082 17621 (Very weak signal, not sure of second call.) Contr: (MS)
12134.0	M08a	Mode: CW Date/time: Mon 12-10-2009, 1400 UTC Remarks: 66161 60082 17621 Contr: (BS3)
12134.0	M08a	Mode: CW Date/time: Mon 12-10-2009, 1400 UTC Remarks: 5f cut nums: 60082 17221 66161 weak. IDs questionable. Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Thu 15-10-2009, 1400 UTC Remarks: 35512 37531 04112 Contr: (MS)
12134.0	M08a	Mode: CW Date/time: Thu 15-10-2009, 1400 UTC Remarks: 5f cut nums: 35512 37531 04112 Strong signal. Slight interference fr Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Mon 19-10-2009, 1400 UTC Remarks: 87821 45562 (Too weak for complete copy. Heavy QRM this time.) Contr: (MS)
12134.0	M08a	Mode: CW Date/time: Mon 26-10-2009, 1400 UTC

		Remarks: 54412 53781 07542 (These callups should have been on 8096m at this time Contr: (MS)
12134.0	M08a	Mode: CW Date/time: Mon 26-10-2009, 1400 UTC Remarks: 5f cut nums: 54412 53781 07542 Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Thu 29-10-2009, 1400 UTC Remarks: 88501 10161 10712 Contr: (MS)
12134.0	M08a	Mode: CW Date/time: Thu 29-10-2009, 1400 UTC Remarks: 5f cut nums: 88501 10161 10712 Contr: (westli)
12156	XPA	Mode: AM Date/time: Tue 6-10-2009, 0640 UTC Remarks: msg Contr: (HFD)
12178	M42	Mode: CROWD36 Date/time: 25-10-2009, 0541 UTC Remarks: Russian Gov/Intel. Contr: (XSH)
12179.0	V02a	Mode: AM Date/time: Thu 22-10-2009, 1900 UTC Remarks: A 01472 (YL/SS) (Can hear a faint M8a sked in background. Contr: (MS)
12180.0	M08a	Mode: MCW Date/time: Tue 20-10-2009, 1900 UTC Remarks: 76781 68302 24441 (Very weak signal. Hard to copy.) Contr: (MS)
12180.0	V02a	Mode: AM Date/time: Tue 6-10-2009, 1900 UTC Remarks: up late ***** 71161 ***** Contr: (BS3)
12180.0	V02a	Mode: AM Date/time: Thu 8-10-2009, 1900 UTC Remarks: ***** 72221 23541 up late started on 6785khz Contr: (BS3)
12214.0	M08a	Mode: CW Date/time: Fri 9-10-2009, 1300 UTC Remarks: 32132 77082 51542 Contr: (MS)
12214.0	M08a	Mode: CW Date/time: Fri 9-10-2009, 1300 UTC Remarks: 32132 77082 51542 Contr: (BS3)
12214.0	M08a	Mode: CW Date/time: Fri 16-10-2009, 1300 UTC Remarks: 07151 44781 38322 Contr: (MS)
12214.0	M08a	Mode: CW Date/time: Tue 20-10-2009, 1300 UTC Remarks: 75331 44832 48161 Contr: (MS)
12214.0	M08a	Mode: CW Date/time: Fri 30-10-2009, 1300 UTC Remarks: 88812 04342 94882 Contr: (MS)
12216	M42	Mode: CROWD36 Date/time: 28-10-2009, 1608 UTC Remarks: Russian Gov/Intel. Contr: (XSH)
12216	M42	Mode: CROWD36 Date/time: 31-10-2009, 1251 UTC Remarks: Russian Gov/Intel. Contr: (XSH)
12224	M42	Mode: Baudot 45/500 Date/time: 18-10-2009, 0805 UTC Remarks: Russian Gov/Intel. -0809- 41910 69161 47874 51977 etc Contr: (XSH)
12224	M42	Mode: Baudot 45/500 Date/time: 19-10-2009, 0805 UTC Remarks: Russian Gov/Intel. 136 148 19 0805 96158 31654 33800 87158 48393 =50= 28629 13693 92357 =100= 34053 83454 8650 Contr: (XSH)
12224	M42	Mode: CROWD36 Date/time: 26-10-2009, 0926 UTC Remarks: Russian Gov/Intel. Contr: (XSH)

12224	X06	Mode: AM Date/time: 7-10-1009, 1521 UTC Remarks: Mazielka. Sequence: 463125 Contr: (Dan)
12224	X06	Mode: AM Date/time: 12-10-2009, 1406 UTC Remarks: Mazielka. Sequence: 463125 Contr: (Dan)
12224	X06	Mode: AM Date/time: 14-10-2009, 1405 UTC Remarks: Mazielka. Sequence: 463125 Contr: (Dan)
12224	X06	Mode: AM Date/time: 16-10-2009, 1620 UTC Remarks: Mazielka. Sequence: 463125 Contr: (AnEur)
12224	X06	Mode: AM Date/time: 16-10-2009, 2146 UTC Remarks: Mazielka. Sequence: 463125 Contr: (Dan)
12224	X06	Mode: AM Date/time: 26-10-2009, 0926 UTC Remarks: Mazielka Contr: (XSH)
12224	X06	Mode: AM Date/time: 26-10-2009, 1620 UTC Remarks: Mazielka Contr: (XSH)
12224	X06	Mode: AM Date/time: 28-10-2009, 1540 UTC Remarks: Mazielka. Sequence: 463125 Contr: (XSH)
12224	X06	Mode: AM Date/time: 31-10-2009, 1249 UTC Remarks: Mazielka. Sequence: 463125 Contr: (XSH)
12355	S06	Mode: AM Date/time: Tue 13-10-2009, 0610 UTC Remarks: 438 Contr: (HFD)
13149	X06	Mode: AM Date/time: 28-10-2009, 0856 UTC Remarks: Mazielka Contr: (XSH)
13365	S06	Mode: AM Date/time: 14-10-2009, 1000 UTC Remarks: 729 803 5 94978 30421 51355 30101 72428 Contr: (XSH)
13374.0	M08a	Mode: CW Date/time: Tue 6-10-2009, 1400 UTC Remarks: Stsrted TFC on 8096k moved to 13374k at 1418z Contr: (BS3)
13374.0	M08a	Mode: CW Date/time: Fri 9-10-2009, 1400 UTC Remarks: 46212 45581 60202 Contr: (BS3)
13374.0	M08a	Mode: CW Date/time: Fri 9-10-2009, 1400 UTC Remarks: 46212 45581 60202 (Expected this set of callups on 8096m which was nil Contr: (MS)
13374.0	M08a	Mode: CW Date/time: Fri 16-10-2009, 1400 UTC Remarks: 07151 44781 38322 Contr: (MS)
13374.0	M08a	Mode: CW Date/time: Tue 20-10-2009, 1400 UTC Remarks: 75331 44832 48161 Contr: (MS)
13374.0	M08a	Mode: CW Date/time: Fri 30-10-2009, 1400 UTC Remarks: 88812 04342 94882 Contr: (MS)
13379.0	M08a	Mode: MCW Date/time: Tue 20-10-2009, 2000 UTC Remarks: 76781 68302 24441 Contr: (MS)
13379.0	V02a	Mode: AM Date/time: Thu 8-10-2009, 2000 UTC Remarks: A 77862 72221 23541 (YL/SS) Contr: (MS)
13379.0	V02a	Mode: AM Date/time: Thu 22-10-2009, 2000 UTC Remarks: A 33832 36882 01472 (YL/SS) (Can hear a faint M8a sked in background. Contr: (MS)
13380.0	SK01	Mode: AM Date/time: Mon 5-10-2009, 0530 UTC Remarks: RDFT no decode weak Contr: (BS3)

13380.0	SK01	Mode: AM Date/time: Tue 6-10-2009, 0530 UTC Remarks: RDFT no decode weak Contr: (BS3)
13380.0	SK01	Mode: AM Date/time: Wed 7-10-2009, 0530 UTC Remarks: RDFT no decode weak Contr: (BS3)
13380.0	SK01	Mode: AM Date/time: Mon 12-10-2009, 0530 UTC Remarks: RDFT weak Contr: (BS3)
13380.0	SK01	Mode: AM Date/time: Thu 15-10-2009, 0530 UTC Remarks: RDFT File 49413787.txt 1229 bytes Contr: (BS3)
13380.0	SK01	Mode: AM Date/time: Fri 16-10-2009, 0530 UTC Remarks: RDFT File 49413787.txt 1229 bytes Contr: (BS3)
13380.0	V02a	Mode: AM Date/time: Thu 8-10-2009, 2000 UTC Remarks: 77862 72221 23541 Contr: (BS3)
13380.0	V02a	Mode: AM Date/time: Tue 13-10-2009, 2000 UTC Remarks: A 52642 (I missed the 2nd and 3rd callup.) (YL/SS) Contr: (MS)
13380.0	V02a	Mode: AM Date/time: Thu 29-10-2009, 2000 UTC Remarks: A 28411 11541 60322 (YL/SS. Signal weak with heavy fades, not complete Contr: (MS)
13387	M42	Mode: Baudot 200/500 Date/time: 11-10-2009, 1237 UTC Remarks: Russian Gov/Intel. Contr: (linkz)
13506	X06	Mode: AM Date/time: 23-10-2009, 0957 UTC Remarks: Mazielka Contr: (XSH)
14000	E10	Mode: AM Date/time: 1-9-2009, 1030 UTC Remarks: YHF Contr: (IARUMS)
14070	X06	Mode: AM Date/time: 29-5-2007, 1130 UTC Remarks: Mazielka Contr: (AnEur)
14080	S06	Mode: AM Date/time: Tue 13-10-2009, 0600 UTC Remarks: 438-917/5=71628 Contr: (HFD)
14474	M42	Mode: CROWD36 Date/time: 28-10-2009, 0913 UTC Remarks: Russian Gov/Intel. Contr: (XSH)
14505	S06	Mode: AM Date/time: 7-10-2009, 1010 UTC Remarks: 729 803 803 5 5 949?8 30421 51355 30101 72428 803 803 5 5 00000 Contr: (AB)
14505	S06	Mode: AM Date/time: 14-10-2009, 1010 UTC Remarks: 729 803 5 94978 30421 51355 30101 72428 Contr: (XSH)
14651	M42	Mode: CROWD36 Date/time: 28-10-2009, 0640 UTC Remarks: Russian Gov/Intel. Contr: (XSH)
14651	M42	Mode: CROWD36 Date/time: 29-10-2009, 0700 UTC Remarks: Russian Gov/Intel. Contr: (XSH)
14654.8	M42	Mode: CROWD36 Date/time: 29-10-2009, 0800 UTC Remarks: Russian Gov/Intel Contr: (BCI)
14823	M42	Mode: Baudot 50/500 Date/time: 22-11-2000, 0930 UTC Remarks: Russian Gov/Intel. rpt cfm qrv ? 152 261 22 0823 9781 then 51 with =50= and =100= after 50/100 groups Contr: (WP3)

14823	M42	Mode: CROWD36 Date/time: 26-10-2009, 1049 UTC Remarks: Russian Gov/Intel. Contr: (XSH)
14824	M42	Mode: CROWD36 Date/time: 27-10-2009, 1544 UTC Remarks: Russian Gov/Intel. Contr: (XSH)
14970	X06	Mode: AM Date/time: 26-10-2009, 0731 UTC Remarks: Mazielka Contr: (XSH)
14979.5	M42	Mode: CROWD36 Date/time: 28-9-2009, 0631 UTC Remarks: Russian Gov/Intel. "DJNFCKTZYPQOBG RMLAWLWALMR E SIU" Contr: (BCI)
15815.5	M42	Mode: CROWD36 Date/time: 21-9-2009, 1411 UTC Remarks: DOSC. "11177 00041 64876 85785 72414" Contr: (BCI)
15868	M42	Mode: CROWD36 Date/time: 29-10-2009, 0633 UTC Remarks: Russian Gov/Intel. Contr: (XSH)
15873	M42	Mode: FKS 200/1000 Date/time: 10-10-1009, 1245 UTC Remarks: Russian Intel. Traffic Contr: (linkz)
16116	X06	Mode: AM Date/time: 28-10-2009, 0904 UTC Remarks: Mazielka Contr: (XSH)
16118	M42	Mode: CROWD36 Date/time: 26-10-2009, 0927 UTC Remarks: Russian Gov/Intel. Contr: (XSH)
16120	M42	Mode: CROWD36 Date/time: 25-10-2009, 1242 UTC Remarks: Russian Gov/Intel. Contr: (XSH)
16178.0	SK01	Mode: AM Date/time: Thu 1-10-2009, 1600 UTC Remarks: RDFT File 75282314.txt 1024 bytes Contr: (BS3)
16178.0	SK01	Mode: AM Date/time: Thu 1-10-2009, 1600 UTC Remarks: (RDFT) Contr: (MS)
16178.0	SK01	Mode: AM Date/time: Fri 2-10-2009, 1600 UTC Remarks: (RDFT) Contr: (MS)
16178.0	SK01	Mode: AM Date/time: Fri 2-10-2009, 1600 UTC Remarks: RDFT File 81234825.txt 1024 bytes Contr: (BS3)
16178.0	SK01	Mode: AM Date/time: Sat 3-10-2009, 1600 UTC Remarks: (Carrier present, but no xmsn heard.) Contr: (MS)
16178.0	SK01	Mode: AM Date/time: Mon 5-10-2009, 1600 UTC Remarks: Carrier on freq no msg Contr: (BS3)
16178.0	SK01	Mode: AM Date/time: Mon 5-10-2009, 1600 UTC Remarks: (Carrier present, but no transmission heard. Dropped at 1640z.) Contr: (MS)
16178.0	SK01	Mode: AM Date/time: Tue 6-10-2009, 1600 UTC Remarks: RDFT File 26733213.txt 1024 bytes Contr: (BS3)
16178.0	SK01	Mode: AM Date/time: Wed 7-10-2009, 1600 UTC Remarks: RDFT File 26733213.txt 1024 bytes Contr: (BS3)
16178.0	SK01	Mode: AM Date/time: Thu 8-10-2009, 1600 UTC Remarks: RDFT File 26733213.txt 1024 bytes Contr:

		(BS3)
16178.0	SK01	Mode: AM Date/time: Fri 9-10-2009, 1600 UTC Remarks: RDFT File 17373116.txt 1024 bytes Contr: (BS3)
16178.0	SK01	Mode: AM Date/time: Mon 12-10-2009, 1600 UTC Remarks: RDFT File 42767271.txt 1024 bytes Contr: (BS3)
16178.0	SK01	Mode: AM Date/time: Mon 12-10-2009, 1600 UTC Remarks: (RDFT) (The ringing sound that everyone has been hearing is present lou Contr: (MS)
16178.0	SK01	Mode: AM Date/time: Tue 13-10-2009, 1600 UTC Remarks: (RDFT) (Ringing sound heard on this transmitter.) Contr: (MS)
16178.0	SK01	Mode: AM Date/time: Wed 14-10-2009, 1600 UTC Remarks: RDFT File 42767271.txt 1024 bytes Contr: (BS3)
16178.0	SK01	Mode: AM Date/time: Wed 14-10-2009, 1600 UTC Remarks: (RDFT) (Ringing sound heard on this transmitter. Also hearing faint vo Contr: (MS)
16178.0	SK01	Mode: AM Date/time: Thu 15-10-2009, 1600 UTC Remarks: (Carrier present, but to xmsn by 1615z.) (Ringing sound heard on this t Contr: (MS)
16178.0	SK01	Mode: AM Date/time: Fri 16-10-2009, 1600 UTC Remarks: (RDFT) (Ringing sound heard on transmitter along with very faint voices Contr: (MS)
16178.0	SK01	Mode: AM Date/time: Fri 16-10-2009, 1600 UTC Remarks: RDFT File 82315114.txt 1024 bytes Contr: (BS3)
16178.0	SK01	Mode: AM Date/time: Mon 19-10-2009, 1600 UTC Remarks: RDFT File 18661551.txt 1024 bytes Contr: (BS3)
16178.0	SK01	Mode: AM Date/time: Tue 20-10-2009, 1600 UTC Remarks: (RDFT) (Ringing sound heard on this transmitter.) Contr: (MS)
16178.0	SK01	Mode: AM Date/time: Tue 20-10-2009, 1600 UTC Remarks: RDFT no decode starting and stopping Contr: (BS3)
16178.0	SK01	Mode: AM Date/time: Thu 22-10-2009, 1600 UTC Remarks: (RDFT) (Ringing heard on this transmitter.) Contr: (MS)
16178.0	SK01	Mode: AM Date/time: Mon 26-10-2009, 1600 UTC Remarks: (Carrier present-no transmission by 1620z. Ringing sound heard on this Contr: (MS)
16178.0	SK01	Mode: AM Date/time: Tue 27-10-2009, 1600 UTC Remarks: (RDFT) Contr: (MS)
16178.0	SK01	Mode: AM Date/time: Wed 28-10-2009, 1600 UTC Remarks: (Carrier present, but no xmsn by 1625z.) Contr: (MS)

16178.0	SK01	Mode: AM Date/time: Thu 29-10-2009, 1600 UTC Remarks: (RDFT) Contr: (MS)
16178.0	SK01	Mode: AM Date/time: Fri 30-10-2009, 1602 UTC Remarks: (RDFT) (No carrier until 1602z.) Contr: (MS)
16219.5	M42	Mode: CROWD36 Date/time: 2-10-2009, 0815 UTC Remarks: Russian Gov/Intel. "RNCTLHPOGMV DCWOX" Contr: (BCI)
16276	M42	Mode: CROWD36 Date/time: 6-10-2009, 0800 UTC Remarks: Russian Gov/Intel. Traffic Contr: (Imp)
16331.7	MX	Mode: CW Date/time: 19-10-2009, 0800 UTC Remarks: Beacon "D" Contr: (Imp)
16331.7	MX	Mode: CW Date/time: 24-10-2009, 1011 UTC Remarks: Beacon "D" Contr: (WP3)
16331.9	MX	Mode: CW Date/time: 24-10-2009, 0922 UTC Remarks: Beacon "S" Contr: (WP3)
16332	MX	Mode: CW Date/time: 19-10-2009, 0800 UTC Remarks: Beacon "C" Contr: (Imp)
16332.0	MX	Mode: CW Date/time: 24-10-2009, 0922 UTC Remarks: Beacon "C" Contr: (WP3)
16332.1	MX	Mode: CW Date/time: 19-10-2009, 0800 UTC Remarks: Beacon "A" Contr: (Imp)
16332.1	MX	Mode: CW Date/time: 24-10-2009, 1805 UTC Remarks: Beacon "A" Contr: (WP3)
16342.5	M42	Mode: CROWD36 Date/time: 21-9-2009, 1417 UTC Remarks: DOSC. "11177 30099 78753 85830 11749" Contr: (BCI)
16525	E03a	Mode: USB Date/time: 30-10-2009, 0500 UTC Remarks: Cherry Ripe //18465 kHz Contr: (EW)
16715	E10	Mode: USB Date/time: 11-10-2009, 1554 UTC Remarks: in progress Contr: (linkz)
17410	E10	Mode: AM Date/time: 1-10-2009, 1543 UTC Remarks: EZI Contr: (BCI)
17423.5	M42	Mode: CROWD36 Date/time: 16-10-2009, 0627 UTC Remarks: Russian Gov/Intel. Traffic "RNCTLHPOGMV DCWOX" Contr: (BCI)
18465	E03a	Mode: USB Date/time: 30-10-2009, 0500 UTC Remarks: Cherry Ripe //16525 kHz Contr: (EW)
18864.0	E03a	Mode: USB Date/time: Fri 16-10-2009, 1130 UTC Remarks: Cherry Ripe in progress. SIO 232 Contr: (CU)
20610	E03a	Mode: USB Date/time: 29-10-2009, 0743 UTC Remarks: Cherry Ripe on a reactivated sked Contr: (EW)
20610	E03a	Mode: USB Date/time: 30-10-2009, 0500 UTC Remarks: Cherry Ripe //21865 kHz Contr: (EW)
21865	E03a	Mode: USB Date/time: 30-10-2009, 0500 UTC Remarks: Cherry Ripe //20610 kHz Contr: (EW)

* CONTRIBUTORS *

AB	Ary Boender, Netherlands
AgBr	Agressor, Brazil
ALF	Alf, Germany
AnEur	Anonymous Europe
BCI	Bruno Casula, Italy
BS3	Barry Sandefer, TN, USA
BvR	Bert van Rij, Netherlands
CU	Centrepont, UK
Dan	Daniel
EW	Eddy Waters, Australia
FMB	FMB, Germany
FN	Fritz Nusser, Switzerland
GC	Greg Cobalt, AK, USA
HFD	Hans-Friedrich Dumrese, Germany
IARUMS	IARU Monitoring Service
IB	Igor Buhtiyarov, Russia
Imp	Impaler
JMC	JMC
Jon-FL	Jon, FL, USA
linkz	Linkz, S.E. France
MOX	Michael Oexner, Germany
MPJ	Jim, SW England
MS	Mark Slaten, MI, USA
MUK	Mikesndbs, UK
PPA	Peter Poelstra, Netherlands
RGA	Jim, SW England
TJ	Trond Jacobsen, Norway
Token	Token, CA, USA
Vambo	Vambo, CO, USA
Westli	Westli, CA, USA
WP3	Wolfgang Palmberger
XSH	X06 Shadow

Portions of this newsletter may be used in electronic or printed hobby bulletins without prior approval so long as "Numbers & Oddities" is credited as the source. This newsletter may NOT be utilized, partly or wholly, in any other COMMERCIAL media format without the written permission of the Editor. Any breach of this may result in action under international copyright legislation.

Relevant mailing lists:

- Utility DXers Forum (utility and spooks related logs).
Go to <http://groups.yahoo.com/group/udxf/> and follow the instructions.

Website: <http://www.udxf.nl>

- Spooks (spooks related info and logs)

Go to the web interface to subscribe, fill in the form and follow the instructions that will be mailed to you.

<http://mailman.qth.net/mailman/listinfo/spooks>

-0-0-0-0-KONEC-0-0-0-0-